# (19) World Intellectual Property Organization International Bureau:





(43) International Publication Date 6 September 2002 (06.09.2002)

**PCT** 

(10) International Publication Number WO 02/068637 A2

- (51) International Patent Classification?: C12N 15/11, 9/00, A61K 31/713, C07H 21/00, A61P 31/14
- (21) International Application Number: PCT/US01/48350
- (22) International Filing Date: 19 October 2001 (19.10.2001)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/242,411

20 October 2000 (20.10.2000) U

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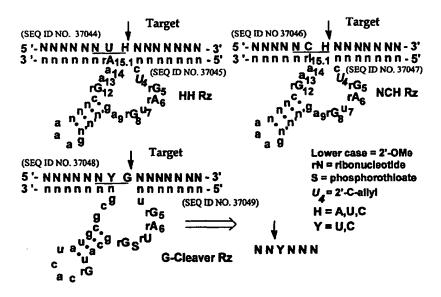
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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(54) Title: NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS INFECTION

#### Examples of Nuclease Stable Ribozyme Motifs



(57) Abstract: The present invention relates to nucleic acid molecules (e.g., ribozymes, DNAzymes, antisense oligonucleotides, triplex forming oligonucleotides, 2,5-A oligonucleotides, decoys) that modulate the expression and/or replication of West Nile Virus (WNV). The present invention also relates to chemical compositions, and methods of treatment of WNV infection and associated diseases, and conditions.



/068637 A2

# WO 02/068637 A2



## Published:

 without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

# NUCLEIC ACID-BASED TREATMENT OF DISEASES OR CONDITIONS RELATED TO WEST NILE VIRUS INFECTION

# TECHNICAL FIELD OF INVENTION

This invention relates to compositions, reagents and methods for the treatment of diseases or conditions relating to West Nile Virus (WNV) infection.

The Sequence Listing file named "MBHB001109-ASequenceListing" (8,067,027 bytes in size) submitted on Compact Disc-Recordable (CD-R) medium ("011019\_1245") is incorporated herein by reference.

# **BACKGROUND OF THE INVENTION**

The following is a discussion of relevant art, none of which is admitted as prior art to the present invention.

West Nile Virus (WNV) is a Class IV virus, specifically a flavivirus, identified as a member of the Japanese encephalitis virus antigenic complex. WNV is a spherical, enveloped virus containing a positive single-stranded RNA genome. Flaviviridae group also includes such pathogens as hepatitis C virus, Kunjin virus, and viruses responsible for yellow fever, dengue fever, and St. Louis encephalitis. West Nile Virus subtypes are distinguishable by antigenic variations in the envelope (E) protein and by the presence of an N-glycosylation site (Asn-Tyr-Ser) at amino acids 154–156 (Jia, 1999, Lancet. 354;1971-2).

The genome of WNV is composed of 10,960 nucleotides. The 5'-terminus of the WNV genome contains a type 1 cap structure that is synthesized by RNA triphosphatase, guanylyltransferase and methyltransferase (Wengler and Wengler, 1993, *Virology*, 197m; 265-273). A conserved 3'-terminal stem loop of the viral genomic RNA has been shown to bind to translation elongation factor-1-alpha prior to replication (Blackwell and Brinton, 1997, *J. Virol.*, 71, 6433-6444). At least nine WNV encoded proteins have been identified, including the non-structural proteins NS 1, NS 2a, NS 2b, NS 3, NS 4b, and NS 5, along with C, M, and E structural proteins. The NS 3 protein has been shown to have RNA triphosphatase activity (Wengler and Wengler, *supra*), The WNV NS 5 protein has been shown to possess RNA-dependent RNA polymerase activity *in vitro* (Steffens *et al.*, 1999, *J. Gen. Virol.*, 80, 2583-2590).

WNV can be transmitted to humans and domestic animals through mosquitoes and migratory birds, that serve as amplifying hosts. Although WNV infection is generally asymptomatic in areas of the world where the virus is endemic, infected humans can incur a mild fever, rash, nausea, headache, disorientation and back pain. More serious complications from WNV infection include hepatitis, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, and death, especially in the very young, sick, or elderly.

Virulence of different WNV strains can vary, and certain characteristics of the WNV can dictate susceptibility to CNS infection. One study of WNV infectivity in mice found decreased neuroinvasiveness in strain variants with glycosylated envelope proteins and among those strains with amino acid substitutions at residue 307 (Chambers et al., 1998, J. Gen Virol. 79:2375). Experimentally infected monkeys have demonstrated persistent neurologic infection (Pogodina et al., 1983, Arch. Virol., 75:71). Furthermore, human subjects who were subjected to WNV as an experimental cancer treatment and who died within approximately four weeks after such treatment showed viral infiltration of the spleen, lymph nodes, liver, and lungs, indicating disseminated infection by WNV in humans (Southam and Moore, 1951, Am. J. Trop. Med., 31:724; Southam and Moore, 1954, Am. J. Trop. Med. Hyg., 3:19).

The WNV incubation period manifests typically from 3 to 15 days, and the diagnosis of WNV has been confirmed by an enzyme immunoassay through IgM and IgG antibody detection (Tsai et al., 1998, Lancet, 352:767). WNV has also been diagnosed by reverse transcriptase polymerase chain reaction (rtPCR) testing of CSF (Puri et al., 1994, Arch. Virol., 134:29).

The WNV infection has been reported in Africa, the Middle East, parts of Europe, the Soviet Union, South Asia and Australia (Savage et al., 1999, Am J Trop Med Hyg., 61:600). In one study involving 915 Egyptians, 6 percent of school children and 40 percent of young adults had antibodies to the WNV following a widespread fever outbreak in the general population (Corwin et al., 1993, Am J Trop Med Hyg., 48:776). Epidemics have also been reported in Israel, South Africa and parts of Europe. In a European outbreak in Romania in 1996, more than 500 cases were reported with a mortality rate of nearly 10 percent (Tsai et al., 1998, Lancet., 352:767 and Hubalek et al., 1999, Emerg Infect Dis., 5:643). Clinical manifestations of the virus in these Romanian patients included meningoencephalitis (44 percent), meningitis (40 percent), and encephalitis (16 percent). In addition, the symptoms

included fever (91 percent), headache (77 percent), neck stiffness (57 percent), vomiting (53 percent), confusion (34 percent) and coma (13 percent) (Tsai et al., 1998, Lancet., 532:767). The largest outbreak of the WNV to date occurred in 1974 in South Africa where nearly 3,000 cases were reported (McIntosh et al., 1976, South African Journal of Science., 72:295-300).

Outbreaks of WNV were not very common in the United States until 1999 when the virus caused seven deaths and 62 cases of encephalitis in New York. The outbreak of encephalitis in humans in the New York area in 1999 coincided with the death of several crows due to viscerotropic WNV infection. These avian infections were present in crows as far south as Baltimore (Anderson et al., 1999, Science., 286:2331). Recent reports indicate that WNV is spreading to other areas of the country as well.

Cloned from the human brain by reverse-transcriptase polymerase chain reaction, the genome of the WNV responsible for the 1999 New York outbreak was found as a lineage type I West Nile Virus. This particular strain of West Nile Virus (WNV; WNV-NY 1999) is closely related to strains previously isolated in the Middle East (Jia, 1999, *The Lancet*, 354:1971-1972).

Nearly the same time as the 1999 United States outbreak, an outbreak of meningoencephalitis caused by WNV infection occurred in Russia. This late summer outbreak was responsible for over 40 deaths out of about 1,000 reported cases. Analysis of brain tissue from five victims of this epidemic by reverse transcriptase-polymerase chain reaction confirmed the presence of WNV, as well as other flaviviruses, in each sample (Lvov et al., 2000, Emerging Infectious Diseases., 6:4).

After the outbreak of WNV in the United States in 1999, surveillance programs have detected increased transmission of the virus in birds and mosquitoes. In one recent case a person 78 years of age was hospitalized in Richmond County, New York for viral encephalitis and tested positive for WNV. Immunosorbent assay confirmed the presence of the IgM antibody in cerebrospinal fluid and serum samples of the individual (Novello *et al.*, 2000, *MMWR*, 49,31:714-717).

The elderly are particularly susceptible to encephalitis due to WNV infection. Other risk factors related to exposure to the virus include spending increased amounts of time

outdoors and being in the presence of a flooded areas, both places where increased contact with mosquitoes is likely (Han et al., 1999, J Infect Dis., 179:230).

In an attempt to prevent the spread of WNV through control of larval and adult mosquitoes, mapping, spraying and removal of breeding sites has been initiated in parts of New York and Connecticut (Morb Mortal Wkly Rep. 1999; 48:944). In addition, education programs have been suggested to make the public aware of WNV and it's risk factors. Despite these efforts, WNV remains a threat due to its mode of transmission. At present, there is no vaccine or other known treatment for WNV infection. Accordingly there remains an unmet need for reagents and methods for the diagnosis of WNV infection. Further, there remains a need for reagents and methods for the treatment of WNV infection.

#### BRIEF SUMMARY OF THE INVENTION

The invention features novel nucleic acid-based molecules and techniques (e.g., enzymatic nucleic acid molecules (such as ribozymes, DNAzymes or allozymes), antisense nucleic acids, 2-5A antisense chimeras, triplex forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups, dsRNA and decoys) as well as methods for their use to detect and modulate the replication of WNV and WNV gene expression. In particular, enzymatic nucleic acid molecules capable of specifically cleaving WNV RNA are described. Also described are antisense nucleic acid molecules that specifically modulate the replication of WNV and the expression of the WNV genome. Such enzymatic and antisense nucleic acids can be used to diagnose and treat diseases associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.

The invention features the use of one or more of the nucleic acid-based molecules and techniques independently or in combination to modulate the replication of WNV and/or the expression of the genes encoded by the WNV genome. In one embodiment the invention features the use of nucleic acid-based molecules and techniques to inhibit the function of the West Nile Virus genome (GenBank accession Nos. AF196835, AF260969, AF260968, AF260967, NC\_001563, AF206518, and AF202541).

The present invention features a nucleic acid molecule that modulates the replication of the West Nile Virus. In one embodiment, the nucleic acid molecule modulates the expression and/or function of RNA derived from the WNV. In a preferred embodiment, the nucleic acid molecule of the present invention is selected from the group consisting of

enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.

In one embodiment, the nucleic acid molecule of the invention (e.g., antisense or enzymatic nucleic acid molecule) comprises between 12 and 100 bases complementary to RNA of the WNV genome. In another embodiment, the nucleic acid molecule comprises between 14 and 24 bases complementary to RNA of the WNV genome. The nucleic acid molecule of the invention can be synthesized either enzymatically or chemically using methods described herein and other methods known in the art.

In yet another embodiment, the nucleic acid molecule of the invention can further comprise at least one sugar modification, nucleic acid base modification, phosphate backbone modification, or a combination thereof. The nucleic acid molecule of the invention can also comprise a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or at both the 5'-end and the 3'-end of the nucleic acid molecule.

In one embodiment of the invention, the nucleic acid molecule is an enzymatic nucleic acid molecule. The enzymatic nucleic acid molecules of the invention are designed to cleave either the plus strand or the minus strand of WNV. The enzymatic nucleic acid molecules are also designed to cleave RNA derived from various genes encoding WNV proteins. The enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence of WNV. In another embodiment, the enzymatic nucleic acid of the invention contains one or more binding arms that comprise a sequence or sequences complementary to any sequence(s) of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616. Examples of enzymatic nucleic acid molecules of the invention comprise the sequence of SEQ ID NOs 7,373-16,409; 24,321-35,591; or 35,617-35,641.

The enzymatic nucleic acid molecule of the invention can be in a hammerhead (HH), hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid configuration. The enzymatic nucleic acid molecule can also be in an Inozyme, G-cleaver, Zinzyme, or an Amberzyme configuration. The enzymatic nucleic acid molecule of the invention can also be a DNAzyme.

In one embodiment, the DNAzyme of the instant invention comprises at least ten 2'-O-methyl modifications. In another embodiment, the DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides. Said linkages are useful to improve nuclease stability. In another embodiment, the DNAzyme comprises a 3'-end modification (e.g., 3',3'-inverted abasic and/or one or more phosphorothicate modifications). In another embodiment, the DNAzyme comprises at least ten 2'-0-methyl

modifications, phosphorothioate linkages on at least one of the 5' terminal nucleotides, and a 3'-end modification.

In another embodiment, the enzymatic nucleic acid molecule of the invention is a Hammerhead motif comprising at least one sequence complementary to any of the sequences shown as Substrate sequence in Tables III and VIII. In yet another embodiment, the enzymatic nucleic acid molecule of the invention is an Inozyme motif comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables IV and IX. In another embodiment, the enzymatic nucleic acid molecule of the invention is a DNAzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequences in Tables VI and XI. In another embodiment, the enzymatic nucleic acid molecule of the invention is a Zinzyme comprising at least one sequence complementary to any of the sequences shown as substrate sequence in Tables V and X. In another embodiment, the enzymatic nucleic acid molecule of the invention is an Amberzyme comprising at least one sequences complementary to any of the sequences shown as substrate sequences in Tables VII and XII.

In one embodiment, the enzymatic nucleic acid molecule contemplated by the instant invention comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification (e.g., 3',3'-inverted abasic moiety, phosphorothioate, phosphorodithioate). In another embodiment, the enzymatic nucleic acid further comprises phosphorothioate modifications at the 5'-end (for example having 1, 2, 3, 4 or 5 phosphorothioates). In another embodiment the invention features an enzymatic nucleic acid molecule that does not require the presence of a ribonucleotide to be functional, for example, to cleave WNV RNA.

In another aspect of the invention, the nucleic acid molecule of the invention is an antisense nucleic acid molecule. The antisense nucleic acid molecule is designed to modulate either the plus strand or the minus strand of WNV. The antisense nucleic acid molecule are also designed to modulate RNA derived from various genes encoding WNV proteins. The antisense nucleic acid of the invention comprises a sequence complementary to any WNV sequence. For example, in some embodiments, the antisense nucleic acid of the invention comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-7,372; 16,410-24,320; and 35,592-35,616.

In one embodiment, the antisense nucleic acid molecule of the instant invention comprises a phosphorothicate core with both 3' and 5' -end modifications. In one aspect of this embodiment, the 3' and/or 5'- end modification contemplated by the instant invention is a 3',3'-inverted abasic moiety and/or a 5',5'-inverted abasic moiety, respectively.

The invention also provides a method for modulating the replication of WNV in a cell comprising the step of contacting said cell with the nucleic acid molecule of claim 1 under conditions suitable for said down regulation of WNV replication. In addition the invention provides a method for down regulating the replication of WNV in a mammal comprising the step of administering to said infected mammal a nucleic acid of claim 1. In one embodiment of the disclosed methods, the modulation of replication of WNV in a cell or mammal results in the down-regulation of WNV replication in the cell or mammal.

In one embodiment, the invention features a method of modulating WNV activity in a cell, comprising the step of contacting the cell with the nucleic acid molecule of the invention, under conditions suitable for the modulation of WNV activity. In one embodiment, the modulation results in the reduction of WNV activity. In a further embodiment, the invention features a method of treating a patient having a condition associated with the level of WNV, comprising contacting cells of the patient with the nucleic acid molecule of the invention, under conditions suitable for the treatment. In one embodiment, the method of treating a patient having a condition associated with the level of WNV comprises the use of one or more therapies under conditions suitable for the treatment, in conjunction with the nucleic acid molecule.

In another embodiment, the method for treating a patent having a condition associated with the level of WNV comprises administering to the patient a nucleic acid molecule that modulates expression of RNA derived from the WNV genome in conjunction with one or more of other therapies, such as antiviral agents and interferons. In one embodiment of the described method, the WNV RNA expression is down-regulated.

The invention further relates to a method of cleaving WNV RNA, comprising contacting the nucleic acid molecule of the invention with WNV RNA under conditions suitable for the cleavage of WNV RNA. In another embodiment, the method of cleaving WNV RNA is carried out in the presence of a divalent cation. In one embodiment, for example, the divalent cation is Mg<sup>2+</sup>.

The invention also contemplates a pharmaceutical composition comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. In one embodiment, the invention features a kit for the treatment of a patient having a condition associated with the level of WNV, comprising the nucleic acid molecule of the invention. The invention also features a kit for detecting a level of WNV in a system, comprising the nucleic acid molecule of the invention.

The invention also features an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecule (e.g. 1, 2, 3, 4 nucleic acid molecules) that can

be the same or different, of the invention (e.g., enzymatic nucleic acid and/or antisense), in a manner that allows expression of that nucleic acid molecule(s).

The nucleic acid-based molecules of the present invention are useful, alone or in combination with other therapies, for the prevention and/or treatment of diseases and conditions associated with WNV infection, such as pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and any other diseases or conditions that are related to or respond to the levels of WNV in a cell or tissue.

The nucleic acid-based molecules of the invention can be added directly, or can be complexed with a delivery agent, such as a lipid, phospholipid, cationic lipid, packaged within a liposome(s), or otherwise delivered to target cells or tissues using the methods described herein and known in the art. The nucleic acid or nucleic acid complexes can be locally administered to relevant tissues ex vivo or in vivo through injection, infusion pump or stent, with or without their incorporation in biopolymers. In one embodiment, the enzymatic nucleic acid molecule comprises one or more sequences that are complementary to the substrate sequences in Tables III to XIII. Examples of the inventive enzymatic nucleic acid molecules comprise sequences which are also shown in Tables III to XIII.

In one embodiment, the invention features a method of administering to a cell, for example a mammalian cell or human cell, an enzymatic nucleic acid molecule of the invention comprising contacting the cell with the enzymatic nucleic acid molecule under conditions suitable for administration. The method of administration can be in the presence of a delivery reagent, for example, a lipid, cationic lipid, phospholipid, or liposome. In another embodiment, the invention features a method of administering to a cell an expression vector comprising a nucleic acid sequence encoding one or more nucleic acid molecules of the invention comprising contacting the cell with said vector under conditions suitable for administration.

Other features and advantages of the invention will be apparent from the following description of the preferred embodiments thereof, and from the claims.

#### BRIEF DESCRIPTION OF THE FIGURES

Figure 1 shows examples of chemically stabilized enzymatic nucleic acid motifs. "HH" represents hammerhead enzymatic nucleic acid motif (Usman et al., 1996, Curr. Op. Struct. Bio., 1, 527); "NCH" represents the NCH enzymatic nucleic acid motif (Ludwig & Sproat, International PCT Publication No. WO 98/58058); "G-Cleaver" represents G-cleaver

enzymatic nucleic acid motif (Kore et al., 1998, Nucleic Acids Research 26, 4116-4120). "N" or "n" represent independently a nucleotide that can be same or different and have complementarity to each other; "rI", represents ribo-Inosine nucleotide; arrow indicates the site of cleavage within the target. Position 4 of the HH Rz and the NCH Rz is shown as having 2'-C-allyl modification, but those skilled in the art will recognize that this position can be modified with other modifications well known in the art, so long as such modifications do not significantly inhibit the activity of the enzymatic nucleic acid.

Figure 2 shows an example of the Amberzyme enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman *et al.*, International PCT publication No. WO 99/55857). The Amberzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 3 shows an example of the Zinzyme A enzymatic nucleic acid molecule motif that is chemically stabilized (see for example Beigelman et al., Beigelman et al., International PCT publication No. WO 99/55857). The Zinzyme motif is a class of enzymatic nucleic molecules that do not require the presence of a ribonucleotide (2'-OH) group for its activity.

Figure 4 shows an example of a DNAzyme motif (e.g., "10-23") described by Santoro et al., 1997, PNAS, 94, 4262.

#### DETAILED DESCRIPTION OF THE INVENTION

Due to sequence variability of the WNV genome, it is preferable to target the conserved regions of the WNV genome with the nucleic acid molecules of the instant invention. Accordingly, the present invention describes nucleic acid molecules targeting the conserved regions of the WNV genome. Conserved regions of the WNV genome include the 39-UTR, E, NS3, and NS5 regions. Nucleic acid molecules designed against these and other conserved regions of various WNV isolates enable, for example the down regulation of WNV replication in diverse patient populations, as well as ensure the effectiveness of the nucleic acid molecules against WNV quasi species that evolve due to mutations in the non-conserved regions of the WNV genome. For instance, a single nucleic acid molecule (such as an enzymatic nucleic acid molecule) can be targeted to inhibit all known strains and variants of WNV by targeting the nucleic acid to a conserved sequence present in all WNV genomes.

The present invention relates to a nucleic acid molecule that modulates the replication of WNV. For example, the nucleic acid molecule can be an enzymatic nucleic acid, an allozyme, an antisense nucleic acid, a 2', 5'-A nucleic acid, triplex forming nucleic acid, dsRNA, siRNA or decoy nucleic acid molecule.

In one embodiment of the present invention, a nucleic acid molecule of the instant invention can be between 12 and 100 nucleotides in length. Exemplary enzymatic nucleic acid molecules of the invention are shown in Table III-XIII. For example, enzymatic nucleic acid molecules of the invention can be between 15 and 50 nucleotides in length, and in another embodiment between 25 and 40 nucleotides in length, e.g., 34, 36, or 38 nucleotides in length (for example see Jarvis et al., 1996, J. Biol. Chem., 271, 29107-29112). Exemplary DNAzymes of the invention are can between 15 and 40 nucleotides in length, and in one embodiment, between 25 and 35 nucleotides in length, e.g., 29, 30, 31, or 32 nucleotides in length (see, e.g., Santoro et al., 1998, Biochemistry, 37, 13330-13342; Chartrand et al., 1995, Nucleic Acids Research, 23, 4092-4096). Exemplary antisense molecules of the invention can be between 15 and 75 nucleotides in length, and in one embodiment between 20 and 35 nucleotides in length, e.g., 25, 26, 27, or 28 nucleotides in length (see for example Woolf et al., 1992, PNAS., 89, 7305-7309; Milner et al., 1997, Nature Biotechnology, 15, 537-541). Exemplary triplex forming oligonucleotide molecules of the invention are between 10 and 40 nucleotides in length, and in one embodiment are between 12 and 25 nucleotides in length, e.g., 18, 19, 20, or 21 nucleotides in length (see for example Maher et al., 1990, Biochemistry, 29, 8820-8826; Strobel and Dervan, 1990, Science, 249, 73-75). Those skilled in the art will recognize that all that is required is for the nucleic acid molecule to be of length and conformation sufficient and suitable for the nucleic acid molecule to catalyze a reaction contemplated herein. The length of the nucleic acid molecules of the instant invention are not limiting within the general limits stated.

The invention relates to a class of nucleic acid-based molecules that exhibit a high degree of specificity for the RNA of a desired target, such as WNV RNA. In one embodiment, the enzymatic nucleic acid molecule is targeted to a highly conserved sequence region of RNA encoding the WNV genome and/or proteins, such that specific treatment of a disease or condition associated with WNV is provided using one or more nucleic acid molecules of the invention. In addition, the nucleic acid based molecule can be targeted to RNAs that share homology with the WNV gene. The nucleic acid molecules of the invention can be delivered exogenously to specific tissue or cellular targets as required. Alternatively, the nucleic acid molecules (e.g., enzymatic nucleic acids and antisense) can be expressed from DNA and/or RNA vectors that are delivered to specific cells.

In yet another embodiment, the invention features antisense nucleic acid molecules, dsRNA, and 2-5A chimera including sequences complementary to the substrate sequences shown in **Tables III to XIII**. Such nucleic acid molecules can include sequences as shown for the binding arms of the enzymatic nucleic acid molecules in **Tables III to XIII**. Similarly, triplex molecules targeted to the corresponding DNA target regions, and containing the DNA equivalent of a target sequence or a sequence complementary to the specified target

(substrate) sequence are provided. Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, the antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or the antisense molecule binds such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences, or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both.

The nucleic acid molecules of the present invention can be expressed from transcription units inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Enzymatic nucleic acid or antisense expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. In one embodiment, the recombinant vectors capable of expressing the enzymatic nucleic acids or antisense are delivered as described herein, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of enzymatic nucleic acids or antisense. Such vectors can be repeatedly administered as necessary. Once expressed, the enzymatic nucleic acids or antisense bind to the target RNA and modulate its function or expression. Delivery of enzymatic nucleic acid or antisense expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell. Antisense DNA or DNAzymes can be expressed endogenously via the use of a single stranded DNA intracellular expression vector.

The nucleic acid molecules of the instant invention, individually, or in combination or in conjunction with other drugs, can be used to treat diseases or conditions discussed herein. For example, to treat a disease or condition associated with the levels of WNV, the nucleic acid molecules can be administered to a patient or can be administered to other appropriate cells evident to those skilled in the art, individually or in combination with one or more drugs under conditions suitable for the treatment.

In a further embodiment, the described molecules, such as antisense or enzymatic nucleic acids, can be used in combination with other known treatments to treat conditions. For example, the described molecules can be used in combination with one or more known therapeutic agents to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection.

In another embodiment, the invention features nucleic acid-based inhibitors (e.g., enzymatic nucleic acid molecules, antisense nucleic acids, 2-5A antisense chimeras, triplex

forming oligonucleotides, antisense nucleic acids containing RNA cleaving chemical groups) and methods for their use to down regulate or inhibit the expression of genes (e.g., WNV) capable of progression and/or maintenance of WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states; associated with WNV infection. Such genes can be cellular genes that are involved, and/or essential for the replication and/or propagation of WNV. Nucleic acid molecules targeting such cellular gene expression is useful in the modulation of WNV replication and/or propagation.

By "modulate" is meant that the expression of the gene, or level of RNA molcules or equivalent RNA molecules encoding one or more WNV protein or WNV protein subunits, or activity of one or more WNV protein or WNV protein subunits is up-regulated or down-regulated, such that the expression, level, or activity is greater than or less than that observed in the absence of a nucleic acid molecule of the invention.

By "inhibit", "down-regulate", or "reduce", it is meant that the expression of the gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins or protein subunits, or activity of one or more proteins or protein subunits, such as WNV proteins or WNV subunit(s), is reduced below that observed in the absence of the nucleic acid molecules of the invention. In one embodiment, inhibition, down-regulation or reduction with an enzymatic nucleic acid molecule is below that level observed in the presence of an enzymatically inactive or attenuated molecule that is able to bind to the same site on the target RNA molecule, but is unable to cleave that RNA molecule. In another embodiment, inhibition, down-regulation, or reduction with antisense oligonucleotides is below that level observed in the presence of, for example, an oligonucleotide with scrambled sequence or with mismatches. In another embodiment, inhibition, down-regulation, or reduction of WNV with a nucleic acid molecule of the instant invention is greater in the presence of the nucleic acid molecule than in its absence.

By "up-regulate" is meant that the expression of a gene, or level of RNA molecules or equivalent RNA molecules encoding one or more proteins, protein subunits, or activity of one or more proteins or protein subunits, such WNV proteins or WNV subunits, is greater than that observed in the absence of the nucleic acid molecules of the invention. For example, the expression of a gene, such as a WNV gene, can be increased in order to treat, prevent, ameliorate, or modulate a pathological condition caused or exacerbated by an absence or low level of gene expression.

By "enzymatic nucleic acid molecule" it is meant a nucleic acid molecule that has complementarity in a substrate binding region to a specified gene target, and also has an enzymatic activity that is active to specifically cleave target a RNA molecule. That is, the

enzymatic nucleic acid molecule is able to intermolecularly cleave a RNA molecule and thereby inactivate a target RNA molecule. These complementary regions allow sufficient hybridization of an enzymatic nucleic acid molecule to a target RNA molecule and thus permit cleavage. One hundred percent complementarity is preferred, but complementarity as low as 50-75% can also be useful in this invention (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). The nucleic acids can be modified at the base, sugar, and/or phosphate groups. The term enzymatic nucleic acid is used interchangeably with phrases such as ribozymes, catalytic RNA, enzymatic RNA, catalytic DNA, aptazyme or aptamer-binding ribozyme, regulatable ribozyme, catalytic oligonucleotides, nucleozyme, DNAzyme, RNA enzyme, endoribonuclease, endonuclease, minizyme, leadzyme, oligozyme or DNA enzyme. All of these terminologies describe nucleic acid molecules with enzymatic activity. The specific enzymatic nucleic acid molecules described in the instant application are not limiting in the invention and those skilled in the art will recognize that all that is important in an enzymatic nucleic acid molecule of this invention is that it has a specific substrate binding site that is complementary to one or more of the target nucleic acid regions, and that it have nucleotide sequences within or surrounding that substrate binding site which impart a nucleic acid cleaving and/or ligation activity to the molecule (Cech et al., U.S. Patent No. 4,987,071; Cech et al., 1988, 260 JAMA 3030).

By "nucleic acid molecule" as used herein is meant a molecule comprising nucleotides. The nucleic acid can be single, double, or multiple stranded and can comprise modified or unmodified nucleotides or non-nucleotides or various mixtures and combinations thereof.

By "enzymatic portion" or "catalytic domain" is meant that portion/region of the enzymatic nucleic acid molecule essential for cleavage of a nucleic acid substrate (for example, see Figures 1-4).

By "substrate binding arm" or "substrate binding domain" is meant that portion/region of a enzymatic nucleic acid that is able to interact, for example, via complementarity (i.e., able to base-pair with), with a portion of its substrate. Such complementarity can be 100%, but can be less if desired. For example, as few as 10 bases out of 14 can be base-paired (see for example Werner and Uhlenbeck, 1995, Nucleic Acids Research, 23, 2092-2096; Hammann et al., 1999, Antisense and Nucleic Acid Drug Dev., 9, 25-31). Examples of such arms are shown generally in Figures 1-4. That is, these arms contain sequences within a enzymatic nucleic acid that are intended to bring enzymatic nucleic acid and target RNA together through complementary base-pairing interactions. The enzymatic nucleic acid of the invention can have binding arms that are contiguous or non-contiguous and can be of varying lengths. The length of the binding arm(s) can be greater than or equal to four nucleotides and

of sufficient length to stably interact with a target RNA; in one embodiment they can be 12-100 nucleotides; in another embodiment they can be 14-24 nucleotides long (see for example Werner and Uhlenbeck, supra; Hamman et al., supra; Hampel et al., EP0360257; Berzal-Herranze et al., 1993, EMBO J., 12, 2567-73) or between 8 and 14 nucleotides long. If two binding arms are chosen, the design is such that the length of the binding arms are symmetrical (i.e., each of the binding arms is of the same length; e.g., four and four, five and five nucleotides, or six and six nucleotides, or seven and seven nucleotides long) or asymmetrical (i.e., the binding arms are of different length; e.g., three and five, six and three nucleotides; three and six nucleotides long; four and five nucleotides long; four and six nucleotides long; four and seven nucleotides long; and the like).

By "Inozyme" or "NCH" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as NCH Rz in Figure 2. Inozymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCH/, where N is a nucleotide, C is cytidine and H is adenosine, uridine or cytidine, and / represents the cleavage site. H is used interchangeably with X. Inozymes can also possess endonuclease activity to cleave RNA substrates having a cleavage triplet NCN/, where N is a nucleotide, C is cytidine, and / represents the cleavage site. "T" in Figure 2 represents an Inosine nucleotide, including a ribo-Inosine or xylo-Inosine nucleoside.

By "G-cleaver" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described as G-cleaver Rz in Figure 2. G-cleavers possess endonuclease activity to cleave RNA substrates having a cleavage triplet NYN/, where N is a nucleotide, Y is uridine or cytidine and / represents the cleavage site. G-cleavers can be chemically modified as is generally shown in Figure 2.

By "zinzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 4. Zinzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet including but not limited to, YG/Y, where Y is uridine or cytidine, and G is guanosine and / represents the cleavage site. Zinzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 4, including substituting 2'-O-methyl guanosine nucleotides for guanosine nucleotides. In addition, differing nucleotide and/or non-nucleotide linkers can be used to substitute the 5'-gaaa-2' loop shown in the figure. Zinzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By "amberzyme" motif or configuration is meant, an enzymatic nucleic acid molecule comprising a motif as is generally described in Figure 3. Amberzymes possess endonuclease activity to cleave RNA substrates having a cleavage triplet NG/N, where N is a nucleotide, G

is guanosine, and / represents the cleavage site. Amberzymes can be chemically modified to increase nuclease stability through substitutions as are generally shown in Figure 3. In addition, differing nucleoside and/or non-nucleoside linkers can be used to substitute the 5'-gaaa-3' loops shown in the figure. Amberzymes represent a non-limiting example of an enzymatic nucleic acid molecule that does not require a ribonucleotide (2'-OH) group within its own nucleic acid sequence for activity.

By 'DNAzyme' is meant, an enzymatic nucleic acid molecule that does not require the presence of a 2'-OH group within its own nucleic acid sequence for activity. In particular embodiments, the enzymatic nucleic acid molecule can have an attached linker or linkers or other attached or associated groups, moieties, or chains containing one or more nucleotides with 2'-OH groups. DNAzymes can be synthesized chemically or expressed endogenously in vivo, by means of a single stranded DNA vector or equivalent thereof. An example of a DNAzyme is shown in Figure 5 and is generally reviewed in Usman et al., US patent No., 6,159,714; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; and Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39. The "10-23" DNAzyme motif is one particular type of DNAzyme that was evolved using in vitro selection (see Santoro et al., supra). Additional DNAzyme motifs can be selected for using techniques similar to those described in these references, and hence, are within the scope of the present invention.

By "sufficient length" is meant an oligonucleotide of greater than or equal to 3 nucleotides in length and long enough to provide the intended function (such as binding) under the expected condition. For example, for binding arms of enzymatic nucleic acid "sufficient length" means that the binding arm sequence is long enough to provide stable binding to a target site under the expected reaction conditions and environment. The binding arms are not so long as to prevent useful turnover of the nucleic acid molecule.

By "stably interact" is meant interaction of the oligonucleotides with target nucleic acid (e.g., by forming hydrogen bonds with complementary nucleotides in the target under physiological conditions) that is sufficient for the intended purpose (e.g., cleavage of target RNA by an enzyme).

By RNA "equivalent" to WNV is meant to include any naturally occurring RNA molecule having a degree of homology (partial or complete, for example 70% to 100% homology) with an RNA molecule encoding a WNV protein or an RNA encoding aprotein with similar function as a WNV protein in various organisms, including, for example, human, birds, rodent, primate, and other organisms and parasites. The equivalent RNA sequence can include in addition to the coding region, regions such as 5'-untranslated region, 3'-

untranslated region, introns, intron-exon junction and the like. By "homology" or "degree of homology" is meant the degree to which the nucleotide sequence of two or more nucleic acid molecules that are partially or completely identical.

By "antisense nucleic acid", it is meant a non-enzymatic nucleic acid molecule that binds to target RNA by means of RNA-RNA or RNA-DNA or RNA-PNA (protein nucleic acid; Egholm et al., 1993 Nature 365, 566) interactions and alters the activity of the target RNA (for a review, see Stein and Cheng, 1993 Science 261, 1004 and Woolf et al., US patent No. 5.849,902). Typically, antisense molecules are complementary to a target sequence along a single contiguous sequence of the antisense molecule. However, in certain embodiments, an antisense molecule can bind to substrate such that the substrate molecule forms a loop, and/or an antisense molecule can bind such that the antisense molecule forms a loop. Thus, the antisense molecule can be complementary to two or more non-contiguous substrate sequences or two or more non-contiguous sequence portions of an antisense molecule can be complementary to a target sequence, or both. For a review of current antisense strategies, see Schmajuk et al., 1999, J. Biol. Chem., 274, 21783-21789, Delihas et al., 1997, Nature, 15, 751-753, Stein et al., 1997, Antisense N. A. Drug Dev., 7, 151, Crooke, 2000, Methods Enzymol., 313, 3-45; Crooke, 1998, Biotech. Genet. Eng. Rev., 15, 121-157, Crooke, 1997, Ad. Pharmacol., 40, 1-49. In addition, antisense DNA can be used to target RNA by means of DNA-RNA interactions, thereby activating RNase H, that digests the target RNA in the duplex. The antisense oligonucleotides can comprise one or more RNAse H activating region that is capable of activating RNAse H cleavage of a target RNA. Antisense DNA can be synthesized chemically or expressed via the use of a single stranded DNA expression vector or equivalent thereof.

By "RNase H activating region" is meant a region (generally greater than or equal to 4-25 nucleotides in length, and in one embodiment from 5-11 nucleotides in length) of a nucleic acid molecule capable of binding to a target RNA to form a non-covalent complex that is recognized by cellular RNase H enzyme (see for example Arrow et al., US 5,849,902; Arrow et al., US 5,989,912). The RNase H enzyme binds to the nucleic acid molecule-target RNA complex and cleaves the target RNA sequence. The RNase H activating region comprises, for example, phosphodiester, phosphorothioate (for example, at least four of the nucleotides are phosphorothiote substitutions; and in another embodiment, 4-11 of the nucleotides are phosphorothiote substitutions); phosphorodithioate, 5'-thiophosphate, or methylphosphonate backbone chemistry or a combination thereof. In addition to one or more backbone chemistries described above, the RNase H activating region can also comprise a variety of sugar chemistries. For example, the RNase H activating region can comprise deoxyribose, arabino, fluoroarabino or a combination thereof, nucleotide sugar chemistry. Those skilled in the art will recognize that the foregoing are non-limiting examples and that

any combination of phosphate, sugar and base chemistry of a nucleic acid that supports the activity of RNase H enzyme is within the scope of the definition of the RNase H activating region and the instant invention.

By "2-5A antisense chimera" is meant an antisense oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease that, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

By "triplex forming oligonucleotides" is meant an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "gene" it is meant a nucleic acid that encodes an RNA, for example, nucleic acid sequences including, but not limited to, structural genes encoding a polypeptide.

By "WNV proteins" is meant, a protein or a mutant protein derivative thereof, comprising a protein/peptide encoded by WNV RNA.

"Complementarity" refers to the ability of a nucleic acid to form hydrogen bond(s) with another RNA molecule by either traditional Watson-Crick or other non-traditional types. In reference to the nucleic molecules of the present invention, the binding free energy for a nucleic acid molecule with its target or complementary sequence is sufficient to allow the relevant function of the nucleic acid to proceed, e.g., enzymatic nucleic acid cleavage, antisense or triple helix inhibition. Determination of binding free energies for nucleic acid molecules is well known in the art (see, e.g., Turner et al., 1987, CSH Symp. Quant. Biol. LII pp.123-133; Frier et al., 1986, Proc. Nat. Acad. Sci. USA 83:9373-9377; Turner et al., 1987, J. Am. Chem. Soc. 109:3783-3785). A percent complementarity indicates the percentage of contiguous residues in a nucleic acid molecule that can form hydrogen bonds (e.g., Watson-Crick base pairing) with a second nucleic acid sequence (e.g., 5, 6, 7, 8, 9, 10 out of 10 being 50%, 60%, 70%, 80%, 90%, and 100% complementary). "Perfectly complementary" means that all the contiguous residues of a nucleic acid sequence will hydrogen bond with the same number of contiguous residues in a second nucleic acid sequence.

By "RNA" is meant a molecule comprising at least one ribonucleotide residue. By "ribonucleotide" or "2'-OH" is meant a nucleotide with a hydroxyl group at the 2' position of a  $\beta$ -D-ribo-furanose moiety.

By "decoy RNA" is meant a RNA molecule that mimics the natural binding domain for a ligand. The decoy RNA therefore competes with natural binding target for the binding of a specific ligand. For example, it has been shown that over-expression of HIV trans-activation response (TAR) RNA can act as a "decoy" and efficiently binds HIV tat protein, thereby preventing it from binding to TAR sequences encoded in the HIV RNA (Sullenger et al., 1990, Cell, 63, 601-608). This is but a specific example and those in the art will recognize that other embodiments can be readily generated using techniques generally known in the art, see for example Gold et al., 1995, Annu. Rev. Biochem., 64, 763; Brody and Gold, 2000, J. Biotechnol., 74, 5; Sun, 2000, Curr. Opin. Mol. Ther., 2, 100; Kusser, 2000, J. Biotechnol., 74, 27; Hermann and Patel, 2000, Science, 287, 820; and Jayasena, 1999, Clinical Chemistry, 45, 1628.

The term "double stranded RNA" or "dsRNA" as used herein refers to a double stranded RNA molecule capable of RNA interference, including short interfering RNA "siRNA" (see, e.g., Bass, 2001, *Nature*, 411, 428-429; Elbashir et al., 2001, *Nature*, 411, 494-498).

The term "allozyme" as used herein refers to an allosteric enzymatic nucleic acid molecule, see, e.g., George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842. The term "2-5A chimera" as used herein refers to an oligonucleotide containing a 5'-phosphorylated 2'-5'-linked adenylate residue. These chimeras bind to target RNA in a sequence-specific manner and activate a cellular 2-5A-dependent ribonuclease which, in turn, cleaves the target RNA (Torrence et al., 1993 Proc. Natl. Acad. Sci. USA 90, 1300; Silverman et al., 2000, Methods Enzymol., 313, 522-533; Player and Torrence, 1998, Pharmacol. Ther., 78, 55-113).

The term "triplex forming oligonucleotides" as used herein refers to an oligonucleotide that can bind to a double-stranded DNA in a sequence-specific manner to form a triple-strand helix. Formation of such triple helix structure has been shown to inhibit transcription of the targeted gene (Duval-Valentin et al., 1992 Proc. Natl. Acad. Sci. USA 89, 504; Fox, 2000, Curr. Med. Chem., 7, 17-37; Praseuth et. al., 2000, Biochim. Biophys. Acta, 1489, 181-206).

By "vectors" is meant any nucleic acid and/or viral-based molecule used to deliver a desired nucleic acid.

By "patient" is meant an organism that is a donor or recipient of explanted cells or the cells themselves. "Patient" also refers to an organism to that the nucleic acid molecules of the

invention can be administered. In one embodiment, a patient can be a mammal or mammalian cells. In another embodiment, a patient is a human or human cells.

By "enhanced enzymatic activity" is meant to include activity measured in vitro and/or in vivo where the activity is a reflection of both the catalytic activity and the stability of the nucleic acid molecules of the invention. In this invention, the product of these activities can be increased in vitro and/or in vivo compared to an all RNA enzymatic nucleic acid or an all DNA enzyme. In some cases, the activity or stability of the nucleic acid molecule can be decreased (i.e., less than ten-fold), but the overall activity of the nucleic acid molecule is enhanced, in vitro and/or in vivo.

By "cap structure" is meant chemical modifications that have been incorporated at either terminus of the oligonucleotide (see for example Wincott et al., WO 97/26270, incorporated by reference herein). These terminal modifications protect the nucleic acid molecule from exonuclease degradation, and can help in delivery and/or localization within a cell. The cap can be present at the 5'-terminus (5'-cap) or at the 3'-terminus (3'-cap) or can be present on both terminus. In non-limiting examples, the 5'-cap is selected from the group consisting of inverted abasic residue (moiety), 4',5'-methylene nucleotide; 1-(beta-Derythrofuranosyl) nucleotide, 4'-thio nucleotide, carbocyclic nucleotide; 1,5-anhydrohexitol nucleotide; L-nucleotides; alpha-nucleotides; modified base nucleotide; phosphorodithioate linkage; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; acyclic 3,4dihydroxybutyl nucleotide; acyclic 3,5-dihydroxypentyl nucleotide, 3'-3'-inverted nucleotide moiety; 3'-3'-inverted abasic moiety; 3'-2'-inverted nucleotide moiety; 3'-2'-inverted abasic moiety; 1,4-butanediol phosphate; 3'-phosphoramidate; hexylphosphate; aminohexyl phosphate; 3'-phosphorothioate; phosphorodithioate; or bridging or nonbridging methylphosphonate moiety (for more details see Wincott et al., International PCT publication No. WO 97/26270, incorporated by reference herein). In yet another preferred embodiment the 3'-cap is selected from a group comprising, 4',5'-methylene nucleotide; 1-(beta-D-erythrofuranosyl) nucleotide; 4'-thio nucleotide, carbocyclic nucleotide; 5'-aminoalkyl phosphate; 1,3-diamino-2-propyl phosphate, 3-aminopropyl phosphate; 6-aminohexyl phosphate; 1,2-aminododecyl phosphate; hydroxypropyl phosphate; 1,5-anhydrohexitol nucleotide; L-nucleotide; alpha-nucleotide; modified base nucleotide; phosphorodithioate; threo-pentofuranosyl nucleotide; acyclic 3',4'-seco nucleotide; 3,4-dihydroxybutyl nucleotide; 3,5-dihydroxypentyl nucleotide, 5'-5'-inverted nucleotide moiety; 5'-5'-inverted abasic moiety; 5'-phosphoramidate; 5'-phosphorothioate; 1,4-butanediol phosphate; 5'-amino; bridging

and/or non-bridging 5'-phosphoramidate, phosphorothioate and/or phosphorodithioate, bridging or non bridging methylphosphonate and 5'-mercapto moieties (see Beaucage and Iyer, 1993, *Tetrahedron* 49, 1925; incorporated by reference herein).

An "alkyl" group refers to a saturated aliphatic hydrocarbon, including straight-chain, branched-chain, and cyclic alkyl groups. The alkyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkyl group is a lower alkyl of from 1 to 7 carbons. In another embodiment the alkyl group is 1 to 4 carbons. The alkyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be hydroxyl, cyano, alkoxy, =0, =S, NO<sub>2</sub> or N(CH<sub>3</sub>)<sub>2</sub>, amino, or SH. The term also includes alkenyl groups which are unsaturated hydrocarbon groups containing at least one carbon-carbon double bond, including straight-chain, branched-chain, and cyclic groups. The alkenyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention the alkenyl group can be a lower alkenyl of from 1 to 7 carbons. In another embodiment the alkenyl group can be 1 to 4 carbons. The alkenyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =O, =S, NO2, halogen, N(CH3)2, amino, or SH. The term "alkyl" also includes alkynyl groups which have an unsaturated hydrocarbon group containing at least one carbon-carbon triple bond, including straight-chain, branched-chain, and cyclic groups. , The alkynyl group can have, for example, 1 to 12 carbons. In one embodiment of the invention, the alkynyl group is a lower alkynyl of from 1 to 7 carbons. In another embodiment of the invention, the alkynyl group is 1 to 4 carbons. The alkynyl group can be substituted or unsubstituted. When substituted the substituted group(s) can be, for example, hydroxyl, cyano, alkoxy, =0, =S, NO<sub>2</sub> or N(CH3)<sub>2</sub>, amino or SH.

Such alkyl groups can also include aryl, alkylaryl, carbocyclic aryl, heterocyclic aryl, amide and ester groups. An "aryl" group refers to an aromatic group that has at least one ring having a conjugated p electron system and includes carbocyclic aryl, heterocyclic aryl and biaryl groups, all of that can be optionally substituted. The preferred substituent(s) of aryl groups are halogen, trihalomethyl, hydroxyl, SH, OH, cyano, alkoxy, alkyl, alkenyl, alkynyl, and amino groups. An "alkylaryl" group refers to an alkyl group (as described above) covalently joined to an aryl group (as described above). Carbocyclic aryl groups are groups wherein the ring atoms on the aromatic ring are all carbon atoms. The carbon atoms are optionally substituted. Heterocyclic aryl groups are groups having from 1 to 3 heteroatoms as ring atoms in the aromatic ring and the remainder of the ring atoms are carbon atoms. Suitable heteroatoms include oxygen, sulfur, and nitrogen, and include furanyl, thienyl, pyridyl, pyrrolyl, N-lower alkyl pyrrolo, pyrimidyl, pyrazinyl, imidazolyl and the like, all optionally substituted. An "amide" refers to an -C(O)-NH-R, where R is either alkyl, aryl,

alkylaryl or hydrogen. An "ester" refers to an -C(O)-OR', where R is either alkyl, aryl, alkylaryl or hydrogen.

By "nucleotide" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a phosphorylated sugar. Nucleotides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleotide sugar moiety. Nucleotides generally comprise a base, sugar and a phosphate group. The nucleotides can be unmodified or modified at the sugar, phosphate and/or base moiety, (also referred to interchangeably as nucleotide analogs, modified nucleotides, non-natural nucleotides, non-standard nucleotides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the non-limiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, for example, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g. 6-methyluridine), propyne, quesosine, 2-4-acetylcytidine, 5thiouridine, 4-thiouridine, wybutosine, wybutoxosine, (carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2-thiouridine, 5beta-D-galactosylqueosine, 1-methyladenosine, 1carboxymethylaminomethyluridine, 2-methyladenosine, 2-2,2-dimethylguanosine, 3-methylcytidine, methylinosine, 5-methoxyaminomethyl-2-N6-methyladenosine, 7-methylguanosine, methylguanosine, 5-methylcarbonylmethyluridine, 5-methylaminomethyluridine, thiouridine, methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6-isopentenyladenosine, beta-Dmannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleotide bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "nucleoside" is meant a heterocyclic nitrogenous base in N-glycosidic linkage with a sugar. Nucleosides are recognized in the art to include natural bases (standard), and modified bases well known in the art. Such bases are generally located at the 1' position of a nucleoside sugar moiety. Nucleosides generally comprise a base and sugar group. The nucleosides can be unmodified or modified at the sugar, and/or base moiety, (also referred to

interchangeably as nucleoside analogs, modified nucleosides, non-natural nucleosides, nonstandard nucleosides and other; see for example, Usman and McSwiggen, supra; Eckstein et al., International PCT Publication No. WO 92/07065; Usman et al., International PCT Publication No. WO 93/15187; Uhlman & Peyman, supra all are hereby incorporated by reference herein). There are several examples of modified nucleic acid bases known in the art as summarized by Limbach et al., 1994, Nucleic Acids Res. 22, 2183. Some of the nonlimiting examples of chemically modified and other natural nucleic acid bases that can be introduced into nucleic acids include, inosine, purine, pyridin-4-one, pyridin-2-one, phenyl, pseudouracil, 2, 4, 6-trimethoxy benzene, 3-methyl uracil, dihydrouridine, naphthyl, aminophenyl, 5-alkylcytidines (e.g., 5-methylcytidine), 5-alkyluridines (e.g., ribothymidine), 5-halouridine (e.g., 5-bromouridine) or 6-azapyrimidines or 6-alkylpyrimidines (e.g., 6methyluridine), propyne, quesosine, 2-thiouridine, 4-thiouridine, wybutosine, wybutoxosine, 4-acetylcytidine. 5-(carboxyhydroxymethyl)uridine, 5'-carboxymethylaminomethyl-2thiouridine, 5-carboxymethylaminomethyluridine. beta-D-galactosylqueosine, 1methyladenosine, 1-methylinosine, 2.2-dimethylguanosine, 3-methylcytidine, 2methyladenosine, 2-methylguanosine, N6-methyladenosine, 7-methylguanosine, 5methoxyaminomethyl-2-thiouridine, 5-methylaminomethyluridine, 5methylcarbonylmethyluridine, 5-methyloxyuridine, 5-methyl-2-thiouridine, 2-methylthio-N6isopentenyladenosine, beta-D-mannosylqueosine, uridine-5-oxyacetic acid, 2-thiocytidine, threonine derivatives and others (Burgin et al., 1996, Biochemistry, 35, 14090; Uhlman & Peyman, supra). By "modified bases" in this aspect is meant nucleoside bases other than adenine, guanine, cytosine and uracil at 1' position or their equivalents; such bases can be used at any position, for example, within the catalytic core of an enzymatic nucleic acid molecule and/or in the substrate-binding regions of the nucleic acid molecule.

By "abasic" or "abasic nucleotide" is meant sugar moieties lacking a base or having other chemical groups in place of a base at the 1' position, (for more details see Wincott *et al.*, International PCT publication No. WO 97/26270).

By "unmodified nucleoside" is meant one of the bases adenine, cytosine, guanine, thymine, uracil joined to the 1' carbon of  $\beta$ -D-ribo-furanose.

By "modified nucleoside" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base or sugar.

By "modified nucleotide" is meant any nucleoside base that contains a modification in the chemical structure of an unmodified nucleoside base, sugar and/or phosphate.

By "consists essentially of" is meant that the active nucleic acid molecule of the invention, for example, an enzymatic nucleic acid molecule, contains an enzymatic center or core equivalent to those in the examples, and binding arms able to bind RNA such that cleavage at the target site occurs. Other sequences can be present that do not interfere with such cleavage. Thus, a core region can, for example, include one or more loop, stem-loop structure, or linker that does not prevent enzymatic activity. Thus, the underlined regions in the sequences in Tables III, IV, VIII and IX can be such a loop, stem-loop, nucleotide linker, and/or non-nucleotide linker and can be represented generally as sequence "X". For example, a core sequence for a hammerhead enzymatic nucleic acid can comprise a conserved sequence, such as 5'-CUGAUGAG-3' and 5'-CGAA-3' connected by "X", where X is 5'-GCCGUUAGGC-3' (SEO ID NO 37055), or any other Stem II region known in the art, or a nucleotide and/or non-nucleotide linker. Similarly, for other nucleic acid molecules of the instant invention, such as Inozyme, G-cleaver, amberzyme, zinzyme, DNAzyme, antisense, 2-5A antisense, triplex forming nucleic acid, and decoy nucleic acids, other sequences or nonnucleotide linkers can be present that do not interfere with the function of the nucleic acid molecule.

Sequence X can be a linker of ≥ 2 nucleotides in length, for example 3, 4, 5, 6, 7, 8, 9, 10, 15, 20, 26, 30, where the nucleotides can be internally base-paired to form a stem of about ≥ 2 base pairs. Alternatively or in addition, sequence X can be a non-nucleotide linker. In yet another embodiment, the nucleotide linker X can be a nucleic acid aptamer, such as an ATP aptamer, HIV Rev aptamer (RRE), HIV Tat aptamer (TAR) and others (for a review see Gold et al., 1995, Annu. Rev. Biochem., 64, 763; and Szostak & Ellington, 1993, in The RNA World, ed. Gesteland and Atkins, pp. 511, CSH Laboratory Press). A "nucleic acid aptamer" as used herein is meant to indicate a nucleic acid sequence capable of interacting with a ligand. The ligand can be any natural or a synthetic molecule, including but not limited to a resin, metabolites, nucleosides, nucleotides, drugs, toxins, transition state analogs, peptides, lipids, proteins, amino acids, nucleic acid molecules, hormones, carbohydrates, receptors, cells, viruses, bacteria and others.

In yet another embodiment, the non-nucleotide linker X is as defined herein. The term "non-nucleotide" as used herein include either abasic nucleotide, polyether, polyamine, polyamide, peptide, carbohydrate, lipid, or polyhydrocarbon compounds. Specific examples include those described by Seela and Kaiser, Nucleic Acids Res. 1990, 18:6353 and Nucleic Acids Res. 1987, 15:3113; Cload and Schepartz, J. Am. Chem. Soc. 1991, 113:6324; Richardson and Schepartz, J. Am. Chem. Soc. 1991, 113:5109; Ma et al., Nucleic Acids Res. 1993, 21:2585 and Biochemistry 1993, 32:1751; Durand et al., Nucleic Acids Res. 1990, 18:6353; McCurdy et al., Nucleosides & Nucleotides 1991, 10:287; Jschke et al., Tetrahedron Lett. 1993, 34:301; Ono et al., Biochemistry 1991, 30:9914; Arnold et al.,

International Publication No. WO 89/02439; Usman et al., International Publication No. WO 95/06731; Dudycz et al., International Publication No. WO 95/11910 and Ferentz and Verdine, J. Am. Chem. Soc. 1991, 113:4000, all hereby incorporated by reference herein. A "non-nucleotide" further means any group or compound that can be incorporated into a nucleic acid chain in the place of one or more nucleotide units, including either sugar and/or phosphate substitutions, and allows the remaining bases to exhibit their enzymatic activity. The group or compound can be abasic in that it does not contain a commonly recognized nucleotide base, such as adenosine, guanine, cytosine, uracil or thymine. Thus, in one embodiment, the invention features an enzymatic nucleic acid molecule having one or more non-nucleotide moieties, and having enzymatic activity to cleave an RNA or DNA molecule.

## Enzymatic Nucleic Acid Molecules

There are several known classes of enzymatic nucleic acid molecules capable of cleaving target RNA. In addition, several in vitro selection (evolution) strategies (Orgel, 1979, Proc. R. Soc. London, B 205, 435) have been used to evolve new nucleic acid catalysts capable of catalyzing cleavage and ligation of phosphodiester linkages (Joyce, 1989, Gene, 82, 83-87; Beaudry et al., 1992, Science 257, 635-641; Joyce, 1992, Scientific American 267, 90-97; Breaker et al., 1994, TIBTECH 12, 268; Bartel et al., 1993, Science 261:1411-1418; Szostak, 1993, TIBS 17, 89-93; Kumar et al., 1995, FASEB J., 9, 1183; Breaker, 1996, Curr. Op. Biotech., 7, 442; Santoro et al., 1997, Proc. Natl. Acad. Sci., 94, 4262; Tang et al., 1997, RNA 3, 914; Nakacane & Eckstein, 1994, supra; Long & Uhlenbeck, 1994, supra; Ishizaka et al., 1995, supra; Vaish et al., 1997, Biochemistry 36, 6495; all of these are incorporated by reference herein). Each can catalyze a series of reactions including the hydrolysis of phosphodiester bonds in trans (and thus can cleave other RNA molecules) under physiological conditions. Table I summarizes some of the characteristics of some of these enzymatic nucleic acids. In general, enzymatic nucleic acids act by first binding to a target RNA. Such binding occurs through the target binding portion of an enzymatic nucleic acid that is held in close proximity to an enzymatic portion of the molecule that acts to cleave the target RNA. Thus, the enzymatic nucleic acid first recognizes and then binds a target RNA through complementary base-pairing, and once bound to the correct site, acts enzymatically to cut the target RNA. Strategic cleavage of such a target RNA will destroy its ability to direct synthesis of an encoded protein. After an enzymatic nucleic acid has bound and cleaved its RNA target, it is released from that RNA to search for another target and can repeatedly bind and cleave new targets.

The enzymatic nature of a enzymatic nucleic acid is advantageous over other technologies, since the concentration of enzymatic nucleic acid necessary to affect a therapeutic treatment is lower. This advantage reflects the ability of the enzymatic nucleic acid to act enzymatically. Thus, a single enzymatic nucleic acid molecule is able to cleave many molecules of target RNA. In addition, the enzymatic nucleic acid is a highly specific inhibitor, with the specificity of inhibition depending not only on the base-pairing mechanism of binding to the target RNA, but also on the mechanism of target RNA cleavage. Single mismatches, or base-substitutions, near the site of cleavage can be chosen to completely eliminate catalytic activity of a enzymatic nucleic acid.

Nucleic acid molecules having an endonuclease enzymatic activity are able to repeatedly cleave other separate RNA molecules in a nucleotide base sequence-specific manner. With proper deisgn and construction, such enzymatic nucleic acid molecules can be targeted to any RNA transcript, and efficient cleavage achieved in vitro (Zaug et al., 324, Nature 429 1986; Uhlenbeck, 1987 Nature 328, 596; Kim et al., 84 Proc. Natl. Acad. Sci. USA 8788, 1987; Dreyfus, 1988, Einstein Quart. J. Bio. Med., 6, 92; Haseloff and Gerlach, 334 Nature 585, 1988; Cech, 260 JAMA 3030, 1988; and Jefferies et al., 17 Nucleic Acids Research 1371, 1989; Chartrand et al., 1995, Nucleic Acids Research 23, 4092; Santoro et al., 1997, PNAS 94, 4262).

Because of their sequence-specificity, trans-cleaving enzymatic nucleic acid molecules show promise as therapeutic agents for human disease (Usman & McSwiggen, 1995 Ann. Rep. Med. Chem. 30, 285-294; Christoffersen and Marr, 1995 J. Med. Chem. 38, 2023-2037). Enzymatic nucleic acid molecules can be designed to cleave specific RNA targets within the background of cellular RNA. Such a cleavage event renders the RNA non-functional and abrogates protein expression from that RNA. In this manner, synthesis of a protein associated with a disease state can be selectively inhibited.

Enzymatic nucleic acid molecules that cleave the specified sites in WNV-specific RNAs represent a novel therapeutic approach to treat WNV infection, pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, cirrhosis, and/or other disease states associated with WNV infection. The enzymatic nucleic acid molecules of the present invention can modulate, for example, down-regulate the activity of WNV via their catalytic activity. Those of ordinary skill in the art would realize that other enzymatic nucleic acid molecules that cleave WNV

RNAs can be designed using the techniques and other teachings described herein and thus are within the scope of the invention.

In one embodiment, the invention features the use of an enzymatic nucleic acid molecule, which can be in the hammerhead, NCH (Inozyme), G-cleaver, amberzyme, zinzyme and/or DNAzyme motif, to modulate the expression of a WNV gene or genes. In one particular embodiment, the enzymatic nucleic acid molecule is used to down-regulate the expression of a WNV gene or genes.

In one of the preferred embodiments of the inventions described herein, the enzymatic nucleic acid molecule is formed in a hammerhead or hairpin motif, but can also be formed in the motif of a hepatitis delta virus, group I intron, group II intron or RNase P RNA (in association with an RNA guide sequence), DNAzymes, NCH cleaving motifs (inozymes), or G-cleavers. Examples of such hammerhead motifs (Figure 1a) are described in Dreyfus, supra, Rossi et al., 1992, AIDS Research and Human Retroviruses 8, 183. Examples of hairpin motifs are described in Hampel et al., EP0360257, Hampel and Tritz, 1989 Biochemistry 28, 4929, Feldstein et al., 1989, Gene 82, 53, Haseloff and Gerlach, 1989, Gene, 82, 43, Hampel et al., 1990 Nucleic Acids Res. 18, 299; Chowrira & McSwiggen, US. Patent No. 5,631,359. The hepatitis delta virus motif is generally described in Perrotta and Been, 1992 Biochemistry 31, 16. The RNase P motif is generally described in Guerrier-Takada et al., 1983 Cell 35, 849; Forster and Altman, 1990, Science 249, 783; Li and Altman, 1996, Nucleic Acids Res. 24, 835. Examples of group II introns are generally described in Griffin et al., 1995, Chem. Biol. 2, 761; Michels and Pyle, 1995, Biochemistry 34, 2965; Pyle et al., International PCT Publication No. WO 96/22689. The Group I intron is generally described in Cech et al., U.S. Patent 4,987,071. DNAzymes (Figure 4) are generally described in Usman et al., International PCT Publication No. WO 95/11304; Chartrand et al., 1995, NAR 23, 4092; Breaker et al., 1995, Chem. Bio. 2, 655; Santoro et al., 1997, PNAS 94, 4262; Breaker, 1999, Nature Biotechnology, 17, 422-423; Santoro et. al., 2000, J. Am. Chem. Soc., 122, 2433-39). NCH cleaving motifs (Figure 1b) are generally described in Ludwig & Sproat, International PCT Publication No. WO 98/58058; and G-cleavers (Figure 1c) are generally described in Kore et al., 1998, Nucleic Acids Research 26, 4116-4120 and Eckstein et al., International PCT Publication No. WO 99/16871. Additional motifs contemplated by the instant invention include the Allozyme (Breaker et al., WO 98/43993, Shih et. al., U.S. Patent 5,589,332, George et al., U.S. Patent 5,741,679), Amberzyme (Figure 2, Class I motif in Beigelman et al., International PCT publication No. WO 99/55857) and Zinzyme (Figure 3, Class II motif in Beigelman et al., International PCT publication No. WO 99/55857), all these references are incorporated by reference herein in their totalities, including drawings and can also be used in the present invention. These specific motifs are not limiting in the invention. Those skilled in the art will recognize that all that is important is that the

enzymatic molecule have a specific substrate binding site that is complementary to one or more of the target gene RNA regions, and that it have nucleotide sequences within or surrounding that substrate binding site that impart an RNA cleaving activity to the molecule (Cech et al., U.S. Patent No. 4,987,071).

Enzymatic nucleic acid molecules of the invention that are allosterically regulated ("allozymes") can be used to modulate, for example down-regulate, WNV expression. These allosteric enzymatic nucleic acids or allozymes (see for example George et al., US Patent Nos. 5,834,186 and 5,741,679, Shih et al., US Patent No. 5,589,332, Nathan et al., US Patent No 5,871,914, Nathan and Ellington, International PCT publication No. WO 00/24931, Breaker et al., International PCT Publication Nos. WO 00/26226 and 98/27104, and Sullenger et al., International PCT publication No. WO 99/29842) are designed to respond to a signaling agent, for example a WNV proteins, WNV RNA, other proteins and/or RNAs involved in WNV activity, compounds, metals, polymers, molecules and/or drugs that are targeted to WNV infected cells etc., that in turn modulates the activity of the enzymatic nucleic acid molecule. In response to interaction with a predetermined signaling agent, the activity of the allosteric enzymatic nucleic acid is activated or inhibited such that the expression of a particular target is selectively modulated. The target can comprise WNV proteins, WNV RNA, and/or a predetermined cellular component that modulates WNV activity. In a specific example, allosteric enzymatic nucleic acid molecules that are activated by interaction with an RNA encoding a WNV protein are used as therapeutic agents in vivo to down-regulate WNV expression. The presence of the WNV RNA activates the allosteric enzymatic nucleic acid molecule, which subsequently cleaves the WNV RNA resulting in the inhibition of WNV protein expression. In this manner, cells that express the WNV protein are selectively targeted.

In another non-limiting example, an allozyme can be activated by a WNV protein, peptide, or mutant polypeptide that cause the allozyme to inhibit the expression of WNV genes, by, for example, cleaving RNA encoded by the WNV gene. In this non-limiting example, the allozyme acts as a decoy to inhibit the function of WNV and also inhibit the expression of WNV once activated by the WNV protein.

#### Target sites

Targets for useful nucleic acid molecules can be determined as disclosed in Draper et al., WO 93/23569; Sullivan et al., WO 93/23057; Thompson et al., WO 94/02595; Draper et al., WO 95/04818; McSwiggen et al., US Patent No. 5,525,468 and hereby incorporated by reference herein in totality. Rather than repeat the guidance provided in those documents here, below are provided specific examples of such methods, not limiting to those in the art.

Nucleic acid molecules to such targets are designed as described in those applications and synthesized for testing *in vitro* and *in vivo*, as also described. Such nucleic acid molecules can also be optimized and delivered as described therein.

The sequence of WNV RNAs were screened for optimal nucleic acid target sites using a computer folding algorithm. Enzymatic nucleic acid cleavage sites were identified. These sites are shown in Tables III-XIII (All sequences are 5' to 3' in the tables, underlined regions can be any sequence "X" or linker X, the actual sequence is not relevant). The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid. The nucleotide base position is noted in the tables as that site designed for cleavage by the designated type of enzymatic nucleic acid molecules.

Because WNV RNAs are highly homologous in certain regions, for example, the 39-UTR, nucleic acid molecule target sites in such regions are also homologous. In such instances, a specific nucleic acid molecule can target different classes sub-types, and variants of WNV RNA. The advantage of a nucleic acid molecule that targets several classes, sub-types or variants of WNV RNA is clear, especially in cases where one or more of these RNAs contribute to the disease state.

Enzymatic nucleic acid molecules were designed that could bind to target sequences and were individually analyzed by computer folding (Jaeger et al., 1989 Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. Varying binding arm lengths can be chosen to optimize activity. Generally, at least 5 bases on each arm are able to bind to, or otherwise interact with, the target RNA. Enzymatic nucleic acid molecules of the different motifs were designed to anneal to various sites in the mRNA message. The binding arms are complementary to the target site sequences described above.

## Synthesis of Nucleic Acid Molecules

Synthesis of nucleic acids greater than 100 nucleotides in length is difficult using automated methods, and the therapeutic cost of such molecules is prohibitive. In this invention, small nucleic acid motifs ("small" refers to nucleic acid motifs less than about 100 nucleotides in length, and in one embodiment, less than about 80 nucleotides in length, and in

another embodiment, less than about 50 nucleotides in length; e.g., antisense oligonucleotides, hammerhead or the NCH ribozymes) can be used for exogenous delivery. The simple structure of these molecules increases the ability of the nucleic acid to invade targeted regions of RNA structure. Exemplary molecules of the instant invention are chemically synthesized, and others can similarly be synthesized.

Oligonucleotides (e.g., antisense GeneBlocs) are synthesized using protocols known in the art, for example, as described in Caruthers et al., 1992, Methods in Enzymology 211, 3-19, Thompson et al., International PCT Publication No. WO 99/54459, Wincott et al., 1995. Nucleic Acids Res. 23, 2677-2684, Wincott et al., 1997, Methods Mol. Bio., 74, 59, Brennan et al., 1998, Biotechnol Bioeng., 61, 33-45, and Brennan, US patent No. 6,001,311. All of these references are incorporated herein by reference. The synthesis of oligonucleotides makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 μmol scale protocol with a 2.5 min coupling step for 2'-O-methylated nucleotides and a 45 sec coupling step for 2'-deoxy nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be performed on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60  $\mu$ L of 0.11 M = 6.6 μmol) of 2'-O-methyl phosphoramidite and a 105-fold excess of S-ethyl tetrazole (60 μL of  $0.25 \text{ M} = 15 \text{ }\mu\text{mol}$ ) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 22-fold excess (40 µL of 0.11 M = 4.4 µmol) of deoxy phosphoramidite and a 70-fold excess of S-ethyl tetrazole (40  $\mu$ L of 0.25 M = 10  $\mu$ mol) can be used in each coupling cycle of deoxy residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); and oxidation solution is 16.9 mM I<sub>2</sub>, 49 mM pyridine, 9% water in THF (PERSEPTIVE™). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothicate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1-dioxide, 0.05 M in acetonitrile) is used.

Deprotection of the antisense oligonucleotides is performed as follows: the polymerbound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and

suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder.

The method of synthesis used for normal RNA including certain enzymatic nucleic acid molecules follows the procedure as described in Usman et al., 1987, J. Am. Chem. Soc., 109, 7845; Scaringe et al., 1990, Nucleic Acids Res., 18, 5433; and Wincott et al., 1995, Nucleic Acids Res. 23, 2677-2684 Wincott et al., 1997, Methods Mol. Bio., 74, 59, and makes use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. In a non-limiting example, small scale syntheses are conducted on a 394 Applied Biosystems, Inc. synthesizer using a 0.2 µmol scale protocol with a 7.5 min coupling step for alkylsilyl protected nucleotides and a 2.5 min coupling step for 2'-O-methylated nucleotides. Table II outlines the amounts and the contact times of the reagents used in the synthesis cycle. Alternatively, syntheses at the 0.2 µmol scale can be done on a 96-well plate synthesizer, such as the instrument produced by Protogene (Palo Alto, CA) with minimal modification to the cycle. A 33-fold excess (60 µL of 0.11 M = 6.6 µmol) of 2'-O-methyl phosphoramidite and a 75-fold excess of S-ethyl tetrazole (60  $\mu$ L of 0.25 M = 15  $\mu$ mol) can be used in each coupling cycle of 2'-O-methyl residues relative to polymer-bound 5'-hydroxyl. A 66-fold excess (120  $\mu$ L of 0.11 M = 13.2 umol) of alkylsilyl (ribo) protected phosphoramidite and a 150-fold excess of S-ethyl tetrazole (120  $\mu$ L of 0.25 M = 30  $\mu$ mol) can be used in each coupling cycle of ribo residues relative to polymer-bound 5'-hydroxyl. Average coupling yields on the 394 Applied Biosystems, Inc. synthesizer, determined by colorimetric quantitation of the trityl fractions, are typically 97.5-99%. Other oligonucleotide synthesis reagents for the 394 Applied Biosystems, Inc. synthesizer include; detritylation solution is 3% TCA in methylene chloride (ABI); capping is performed with 16% N-methyl imidazole in THF (ABI) and 10% acetic anhydride/10% 2,6-lutidine in THF (ABI); oxidation solution is 16.9 mM I2, 49 mM pyridine, 9% water in THF (PERSEPTIVE™). Burdick & Jackson Synthesis Grade acetonitrile is used directly from the reagent bottle. S-Ethyltetrazole solution (0.25 M in acetonitrile) is made up from the solid obtained from American International Chemical, Inc. Alternately, for the introduction of phosphorothioate linkages, Beaucage reagent (3H-1,2-Benzodithiol-3-one 1,1dioxide0.05 M in acetonitrile) is used.

Deprotection of the RNA is performed using either a two-pot or one-pot protocol. For the two-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 40% aq. methylamine (1 mL) at 65 °C for 10 min. After cooling to -20 °C, the supernatant is removed from the polymer support. The

support is washed three times with 1.0 mL of EtOH:MeCN:H2O/3:1:1, vortexed and the supernatant is then added to the first supernatant. The combined supernatants, containing the oligoribonucleotide, are dried to a white powder. The base deprotected oligoribonucleotide is resuspended in anhydrous TEA/HF/NMP solution (300  $\mu$ L of a solution of 1.5 mL N-methylpyrrolidinone, 750  $\mu$ L TEA and 1 mL TEA•3HF to provide a 1.4 M HF concentration) and heated to 65 °C. After 1.5 h, the oligomer is quenched with 1.5 M NH<sub>4</sub>HCO<sub>3</sub>.

Alternatively, for the one-pot protocol, the polymer-bound trityl-on oligoribonucleotide is transferred to a 4 mL glass screw top vial and suspended in a solution of 33% ethanolic methylamine/DMSO: 1/1 (0.8 mL) at 65 °C for 15 min. The vial is brought to r.t. TEA•3HF (0.1 mL) is added and the vial is heated at 65 °C for 15 min. The sample is cooled at -20 °C and then quenched with 1.5 M NH<sub>4</sub>HCO<sub>3</sub>.

For purification of the trityl-on oligomers, the quenched NH<sub>4</sub>HCO<sub>3</sub> solution is loaded onto a C-18 containing cartridge that had been prewashed with acetonitrile followed by 50 mM TEAA. After washing the loaded cartridge with water, the RNA is detritylated with 0.5% TFA for 13 min. The cartridge is then washed again with water, salt exchanged with 1 M NaCl and washed with water again. The oligonucleotide is then eluted with 30% acetonitrile.

Inactive hammerhead ribozymes or binding attenuated control (BAC) oligonucleotides are synthesized by substituting a U for G5 and a U for A14 (numbering from Hertel, K. J., et al., 1992, Nucleic Acids Res., 20, 3252). Similarly, one or more nucleotide substitutions can be introduced in other enzymatic nucleic acid molecules to inactivate the molecule and such molecules can serve as a negative control.

The average stepwise coupling yields are typically >98% (Wincott et al., 1995 Nucleic Acids Res. 23, 2677-2684). Those of ordinary skill in the art will recognize that the scale of synthesis can be adapted to be larger or smaller than the example described above including but not limited to 96 well format, all that is important is the ratio of chemicals used in the reaction.

Alternatively, the nucleic acid molecules of the present invention can be synthesized separately and joined together post-synthetically, for example by ligation (Moore et al., 1992, Science 256, 9923; Draper et al., International PCT publication No. WO 93/23569; Shabarova et al., 1991, Nucleic Acids Research 19, 4247; Bellon et al., 1997, Nucleosides & Nucleotides, 16, 951; Bellon et al., 1997, Bioconjugate Chem. 8, 204).

The nucleic acid molecules of the present invention can be modified extensively to enhance stability by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H (for a review see Usman and Cedergren, 1992, TIBS 17, 34;

Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163). Ribozymes are purified by gel electrophoresis using general methods or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., Supra, the totality of that reference is incorporated herein by reference) and are re-suspended in water.

The sequences of the enzymatic nucleic acids that are chemically synthesized, are shown in Tables III to XIII. Those in the art will recognize that these sequences are representative only of many more such sequences where the enzymatic portion of the enzymatic nucleic acid (all but the binding arms) is altered to affect activity. The enzymatic nucleic acid molecule sequences listed in Tables III to XIII can be formed of ribonucleotides or other nucleotides or non-nucleotides. Such nucleic acids with enzymatic activity are equivalent to the enzymatic nucleic acid molecules described specifically in the tables.

# Optimizing Activity of the nucleic acid molecules of the invention.

Chemically synthesizing nucleic acid molecules with modifications (base, sugar and/or phosphate) that prevent their degradation by serum ribonucleases, which can increase their potency (see e.g., Eckstein et al., International Publication No. WO 92/07065; Perrault et al., 1990 Nature 344, 565; Pieken et al., 1991, Science 253, 314; Usman and Cedergren, 1992, Trends in Biochem. Sci. 17, 334; Usman et al., International Publication No. WO 93/15187; and Rossi et al., International Publication No. WO 91/03162; Sproat, US Patent No. 5,334,711; and Burgin et al., supra; all of which are incorporated by reference herein). All of the above references describe various chemical modifications that can be made to the base, phosphate and/or sugar moieties of the nucleic acid molecules described herein. Modifications that enhance their efficacy in cells, and removal of bases from nucleic acid molecules to shorten oligonucleotide synthesis times and reduce chemical requirements are desired.

There are several examples in the art describing sugar, base and phosphate modifications that can be introduced into nucleic acid molecules with significant enhancement in their nuclease stability and efficacy. For example, oligonucleotides are modified to enhance stability and/or enhance biological activity by modification with nuclease resistant groups, for example, 2'-amino, 2'-C-allyl, 2'-flouro, 2'-O-methyl, 2'-H, nucleotide base modifications (for a review see Usman and Cedergren, 1992, TIBS. 17, 34; Usman et al., 1994, Nucleic Acids Symp. Ser. 31, 163; Burgin et al., 1996, Biochemistry, 35, 14090). Sugar modification of nucleic acid molecules has been extensively described in the art (see Eckstein et al., International Publication PCT No. WO 92/07065; Perrault et al.

Nature, 1990, 344, 565-568; Pieken et al. Science, 1991, 253, 314-317; Usman and Cedergren, Trends in Biochem. Sci., 1992, 17, 334-339; Usman et al. International Publication PCT No. WO 93/15187; Sproat, US Patent No. 5,334,711 and Beigelman et al., 1995, J. Biol. Chem., 270, 25702; Beigelman et al., International PCT publication No. WO 97/26270; Beigelman et al., US Patent No. 5,716,824; Usman et al., US patent No. 5,627,053; Woolf et al., International PCT Publication No. WO 98/13526; Thompson et al., USSN 60/082,404 that was filed on April 20, 1998; Karpeisky et al., 1998, Tetrahedron Lett., 39, 1131; Earnshaw and Gait, 1998, Biopolymers (Nucleic acid Sciences), 48, 39-55; Verma and Eckstein, 1998, Annu. Rev. Biochem., 67, 99-134; and Burlina et al., 1997, Bioorg. Med. Chem., 5, 1999-2010; all of the references are hereby incorporated in their totality by reference herein). Such publications describe general methods and strategies to determine the location of incorporation of sugar, base and/or phosphate modifications and the like into enzymatic nucleic acids without inhibiting catalysis, and are incorporated by reference herein. In view of such teachings, similar modifications can be used as described herein to modify the nucleic acid molecules of the instant invention.

In connection with 2'-modified nucleotides as described for the present invention, by "amino" is meant 2'-NH<sub>2</sub> or 2'-O-NH<sub>2</sub>, that can be modified or unmodified. Such modified groups are described, for example, in Eckstein *et al.*, U.S. Patent 5,672,695 and Matulic-Adamic *et al.*, WO 98/28317, respectively, which are both incorporated by reference in their entireties.

Various modifications to nucleic acid (e.g., antisense and enzymatic nucleic acid) structure can be made to enhance the utility of these molecules. Such modifications will enhance shelf-life, half-life in vitro, stability, and ease of introduction of such oligonucleotides to the target site, e.g., to enhance penetration of cellular membranes, and confer the ability to recognize and bind to targeted cells.

While chemical modification of oligonucleotide internucleotide linkages with phosphorothioate, phosphorothioate, and/or 5'-methylphosphonate linkages improves stability, excessive modifications can cause some toxicity. Therefore, when designing nucleic acid molecules, the amount of these internucleotide linkages should be minimized. The reduction in the concentration of these linkages should lower toxicity, resulting in increased efficacy and higher specificity of these molecules.

Nucleic acid molecules having chemical modifications that maintain or enhance activity are provided. Such a nucleic acid is also generally more resistant to nucleases than an unmodified nucleic acid. Accordingly, the *in vitro* and/or *in vivo* activity should not be significantly lowered. In cases in which inhibition is the goal, therapeutic nucleic acid molecules delivered exogenously should optimally be stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. Clearly, nucleic acid molecules must be resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of RNA and DNA (Wincott et al., 1995 Nucleic Acids Res. 23, 2677; Caruthers et al., 1992, Methods in Enzymology 211,3-19 (incorporated by reference herein) have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability, as described above.

In one embodiment, nucleic acid molecules of the invention include one or more G-clamp nucleotides. A G-clamp nucleotide is a modified cytosine analog wherein the modifications confer the ability to hydrogen bond both Watson-Crick and Hoogsteen faces of a complementary guanine within a duplex, see for example Lin and Matteucci, 1998, J. Am. Chem. Soc., 120, 8531-8532. A single G-clamp analog substation within an oligonucleotide can result in substantially enhanced helical thermal stability and mismatch discrimination when hybridized to complementary oligonucleotides. The inclusion of such nucleotides in nucleic acid molecules of the invention results in both enhanced affinity and specificity to nucleic acid targets.

In another embodiment, the invention features conjugates and/or complexes of nucleic acid molecules targeting WNV. Such conjugates and/or complexes can be used to facilitate delivery of molecules into a biological system, such as cells. The conjugates and complexes provided by the instant invention can impart therapeutic activity by transferring therapeutic compounds across cellular membranes, altering the pharmacokinetics, and/or modulating the localization of nucleic acid molecules of the invention. The present invention encompasses the design and synthesis of novel conjugates and complexes for the delivery of molecules, including but not limited to small molecules, lipids, phospholipids, nucleosides, nucleotides, nucleic acids, antibodies, toxins, negatively charged polymers and other polymers, for example proteins, peptides, hormones, carbohydrates, polyethylene glycols, or polyamines, across cellular membranes. In general, the transporters described are designed to be used either individually or as part of a multi-component system, with or without degradable linkers. These compounds are expected to improve delivery and/or localization of nucleic

acid molecules of the invention into a number of cell types originating from different tissues, in the presence or absence of serum (see Sullenger and Cech, US 5,854,038). Conjugates of the molecules described herein can be attached to biologically active molecules via linkers that are biodegradable, such as biodegradable nucleic acid linker molecules.

The term "biodegradable nucleic acid linker molecule" as used herein, refers to a nucleic acid molecule that is designed as a biodegradable linker to connect one molecule to another molecule, for example, a biologically active molecule. The stability of the biodegradable nucleic acid linker molecule can be modulated by using various combinations of ribonucleotides, deoxyribonucleotides, and chemically modified nucleotides, for example, 2'-O-methyl, 2'-fluoro, 2'-amino, 2'-O-amino, 2'-C-allyl, 2'-O-allyl, and other 2'-modified or base modified nucleotides. The biodegradable nucleic acid linker molecule can be a dimer, trimer, tetramer or longer nucleic acid molecule, for example, an oligonucleotide of about 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, or 20 nucleotides in length, or can comprise a single nucleotide with a phosphorus based linkage, for example, a phosphoramidate or phosphodiester linkage. The biodegradable nucleic acid linker molecule can also comprise nucleic acid backbone, nucleic acid sugar, or nucleic acid base modifications.

The term "biodegradable" as used herein, refers to degradation in a biological system, for example enzymatic degradation or chemical degradation.

The term "biologically active molecule" as used herein, refers to compounds or molecules that are capable of eliciting or modifying a biological response in a system. Non-limiting examples of biologically active molecules contemplated by the instant invention include therapeutically active molecules such as antibodies, hormones, antivirals, peptides, proteins, chemotherapeutics, small molecules, vitamins, co-factors, nucleosides, nucleotides, oligonucleotides, enzymatic nucleic acids, antisense nucleic acids, triplex forming oligonucleotides, 2,5-A chimeras, siRNA, dsRNA, allozymes, aptamers, decoys and analogs thereof. Biologically active molecules of the invention also include molecules capable of modulating the pharmacokinetics and/or pharmacodynamics of other biologically active molecules, for example, lipids and polymers such as polyamines, polyamides, polyethylene glycol and other polyethers.

The term "phospholipid" as used herein, refers to a hydrophobic molecule comprising at least one phosphorus group. For example, a phospholipid can comprise a phosphorus containing group and saturated or unsaturated alkyl group, optionally substituted with OH, COOH, oxo, amine, or substituted or unsubstituted aryl groups.

Therapeutic nucleic acid molecules (e.g., enzymatic nucleic acid molecules) delivered exogenously optimally are stable within cells until translation of the target RNA has been inhibited long enough to reduce the levels of the undesirable protein. This period of time varies between hours to days depending upon the disease state. The nucleic acid molecules are resistant to nucleases in order to function as effective intracellular therapeutic agents. Improvements in the chemical synthesis of nucleic acid molecules described in the instant invention and in the art have expanded the ability to modify nucleic acid molecules by introducing nucleotide modifications to enhance their nuclease stability as described above.

In yet another preferred embodiment, nucleic acid catalysts having chemical modifications that maintain or enhance enzymatic activity are provided. Such nucleic acids are also generally more resistant to nucleases than unmodified nucleic acids. Thus, in vitro and/or in vivo the activity should not be significantly lowered. As exemplified herein, such nucleic acid molecules are useful in vitro and/or in vivo even if activity over all is reduced 10 fold (Burgin et al., 1996, Biochemistry, 35, 14090). Such enzymatic nucleic acid molecules herein are said to "maintain" the enzymatic activity of an all RNA enzymatic nucleic acid molecule.

In a preferred embodiment, the invention features modified nucleic acids with phosphate backbone modifications comprising one or more phosphorothioate, phosphorodithioate, methylphosphonate, morpholino, amidate carbamate, carboxymethyl, acetamidate, polyamide, sulfonate, sulfonamide, sulfamate, formacetal, thioformacetal, and/or alkylsilyl, substitutions. For a review of oligonucleotide backbone modifications see Hunziker and Leumann, 1995, Nucleic Acid Analogues: Synthesis and Properties, in Modern Synthetic Methods, VCH, 331-417, and Mesmaeker et al., 1994, Novel Backbone Replacements for Oligonucleotides, in Carbohydrate Modifications in Antisense Research, ACS, 24-39. These references are hereby incorporated by reference herein.

These molecules can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple nucleic acid molecules targeted to different genes, nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of nucleic acid molecules (including different enzymatic nucleic acid motifs) and/or other chemical or biological molecules). The treatment of patients with nucleic acid molecules can also include combinations of different types of nucleic acid molecules. Therapies can be devised that include a mixture of enzymatic nucleic acids

(including different enzymatic nucleic acid motifs), antisense and/or 2-5A chimera molecules to one or more targets to alleviate symptoms of a disease.

#### Administration of Nucleic Acid Molecules

Methods for the delivery of nucleic acid molecules are described in Akhtar et al., 1992, Trends Cell Bio., 2, 139; Delivery Strategies for Antisense Oligonucleotide Therapeutics, ed. Akhtar, 1995, Maurer et al., 1999, Mol. Membr. Biol., 16, 129-140; Hofland and Huang, 1999, Handb. Exp. Pharmacol., 137, 165-192; and Lee et al., 2000, ACS Symp. Ser., 752, 184-192, all of which are incorporated herein by reference. Sullivan et al., PCT WO 94/02595, further describes the general methods for delivery of enzymatic nucleic acid molecules. These protocols can be utilized for the delivery of virtually any nucleic acid molecule. Nucleic acid molecules can be administered to cells by a variety of methods known to those of skill in the art, including, but not restricted to, encapsulation in liposomes, by iontophoresis, or by incorporation into other vehicles, such as hydrogels, cyclodextrins, biodegradable nanocapsules, and bioadhesive microspheres, or by proteinaceous vectors (O'Hare and Normand, International PCT Publication No. WO 00/53722). Alternatively, the nucleic acid/vehicle combination is locally delivered by direct injection or by use of an infusion pump. Direct injection of the nucleic acid molecules of the invention, whether subcutaneous, intramuscular, or intradermal, can take place using standard needle and syringe methodologies, or by needle-free technologies such as those described in Conry et al., 1999, Clin. Cancer Res., 5, 2330-2337 and Barry et al., International PCT Publication No. WO 99/31262.

Specific methods of delivery that can be utilized for CNS delivery of the nucleic acid molecules of the invention are described in Pardridge, 1999, Adv. Drug Delivery Rev., 36, 299-321 and Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315. Many examples in the art describe CNS delivery methods of oligonucleotides by osmotic pump, (see Chun et al., 1998, Neuroscience Letters, 257, 135-138, D'Aldin et al., 1998, Mol. Brain Research, 55, 151-164, Dryden et al., 1998, J. Endocrinol., 157, 169-175, Ghirnikar et al., 1998, Neuroscience Letters, 247, 21-24) or direct infusion (Broaddus et al., 1997, Neurosurg. Focus, 3, article 4). Other routes of delivery include, but are not limited to, oral (tablet or pill form), pulmonary (Patton, 1996, Adv. Drug Delivery Rev., 19, 3-36) and/or intrathecal delivery (Gold, 1997, Neuroscience, 76, 1153-1158). For a comprehensive review on drug delivery strategies including broad coverage of CNS delivery, see Jain, Drug Delivery Systems: Technologies and Commercial Opportunities, Decision Resources, 1998. More detailed descriptions of nucleic acid delivery and administration are provided in Sullivan et al., supra, Draper et al., PCT WO93/23569, Beigelman et al., PCT WO99/05094, and Klimuk et al., PCT WO99/04819 all of which have been incorporated by reference herein.

The molecules of the instant invention can be used as pharmaceutical agents. Pharmaceutical agents prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, or all of the symptoms) of a disease state in a patient.

Thus, the invention features a pharmaceutical composition comprising one or more nucleic acid(s) of the invention in an acceptable carrier, such as a stabilizer, buffer, and the like. The negatively charged polynucleotides of the invention can be administered (e.g., RNA, DNA or protein) and introduced into a patient by any standard means, with or without stabilizers, buffers, and the like, to form a pharmaceutical composition. When it is desired to use a lipid or liposome delivery mechanism, standard protocols for formulation can be followed. The compositions of the present invention can also be formulated and used as tablets, capsules or elixirs for oral administration, suppositories for rectal administration, sterile solutions, suspensions for injectable administration; and the like.

The present invention also includes pharmaceutically acceptable formulations of the compounds described. These formulations include salts of the above compounds, e.g., acid addition salts, for example, salts of hydrochloric, hydrobromic, acetic acid, and benzene sulfonic acid.

A pharmacological composition or formulation refers to a composition or formulation in a form suitable for administration, e.g., systemic administration, into a cell or patient, including for example a human. Suitable forms, in part, depend upon the use or the route of entry, for example oral, transdermal, or by injection. Such forms should not prevent the composition or formulation from reaching a target cell (i.e., a cell to which the negatively charged nucleic acid is desirable for delivery). For example, pharmacological compositions injected into the blood stream should be soluble. Other factors are known in the art, and include considerations such as toxicity and forms that prevent the composition or formulation from exerting its effect.

By "systemic administration" is meant in vivo systemic absorption or accumulation of drugs in the blood stream followed by distribution throughout the entire body. Administration routes that can lead to systemic absorption include, without limitations: intravenous, subcutaneous, intraperitoneal, inhalation, oral, intrapulmonary and intramuscular. Each of these administration routes expose the desired negatively charged polymers, e.g., nucleic acids, to an accessible diseased tissue. The rate of entry of a drug into

the circulation has been shown as a function of molecular weight or size. The use of a liposome or other drug carrier comprising the compounds of the instant invention can potentially localize the drug, for example, in certain tissue types, such as the tissues of the reticular endothelial system (RES). A liposome formulation that can facilitate the association of drug with the surface of cells, such as, lymphocytes and macrophages is also useful. This approach can provide enhanced delivery of the drug to target cells by taking advantage of the specificity of macrophage and lymphocyte immune recognition of abnormal cells, such as the WNV infected liver cells.

By "pharmaceutically acceptable" formulation is meant, a composition or formulation that allows for the effective distribution of the nucleic acid molecules of the instant invention in the physical location most suitable for their desired activity. Nonlimiting examples of agents suitable for formulation with the nucleic acid molecules of the instant invention include: P-glycoprotein inhibitors (such as Pluronic P85) that can enhance entry of drugs into the CNS (Jolliet-Riant and Tillement, 1999, Fundam. Clin. Pharmacol., 13, 16-26); biodegradable polymers, such as poly (DL-lactide-coglycolide) microspheres for sustained release delivery after intracerebral implantation (Emerich, DF et al, 1999, Cell Transplant, 8, 47-58) Alkermes, Inc. Cambridge, MA; and loaded nanoparticles, such as those made of polybutylcyanoacrylate, that can deliver drugs across the blood brain barrier and can alter neuronal uptake mechanisms (Prog Neuropsychopharmacol Biol Psychiatry, 23, 941-949, Other non-limiting examples of CNS delivery strategies for the nucleic acid molecules of the instant invention include material described in Boado et al., 1998, J. Pharm. Sci., 87, 1308-1315; Tyler et al., 1999, FEBS Lett., 421, 280-284; Pardridge et al., 1995, PNAS USA., 92, 5592-5596; Boado, 1995, Adv. Drug Delivery Rev., 15, 73-107; Aldrian-Herrada et al., 1998, Nucleic Acids Res., 26, 4910-4916; and Tyler et al., 1999, PNAS USA., 96, 7053-7058.

The invention also features the use of a composition comprising surface-modified liposomes containing poly (ethylene glycol) lipids (PEG-modified, or long-circulating liposomes or stealth liposomes). These formulations offer an method for increasing the accumulation of drugs in target tissues. This class of drug carriers resists opsonization and elimination by the mononuclear phagocytic system (MPS or RES), thereby enabling longer blood circulation times and enhanced tissue exposure for the encapsulated drug (Lasic et al. Chem. Rev. 1995, 95, 2601-2627; Ishiwataet al., Chem. Pharm. Bull. 1995, 43, 1005-1011). Such liposomes have been shown to accumulate selectively in tumors, presumably by

extravasation and capture in the neovascularized target tissues (Lasic et al., Science 1995, 267, 1275-1276; Oku et al., 1995, Biochim. Biophys. Acta, 1238, 86-90). The long-circulating liposomes enhance the pharmacokinetics and pharmacodynamics of DNA and RNA, particularly compared to conventional cationic liposomes that are known to accumulate in tissues of the MPS (Liu et al., J. Biol. Chem. 1995, 42, 24864-24870; Choi et al., International PCT Publication No. WO 96/10391; Ansell et al., International PCT Publication No. WO 96/10390; Holland et al., International PCT Publication No. WO 96/10392; all of these are incorporated by reference herein). Long-circulating liposomes are also likely to protect drugs from nuclease degradation to a greater extent compared to cationic liposomes, based on their ability to avoid accumulation in metabolically aggressive MPS tissues such as the liver and spleen. All of these references are incorporated by reference herein.

In addition, other cationic molecules can also be utilized to deliver the molecules of the present invention. For example, nucleic acid molecule can be conjugated to glycosylated poly(L-lysine) that has been shown to enhance localization of antisense oligonucleotides into the liver (Nakazono et al., 1996, Hepatology 23, 1297-1303; Nahato et al., 1997, Biochem Pharm. 53, 887-895). Glycosylated poly(L-lysine) can be covently attached to the enzymatic nucleic acid or be bound to enzymatic nucleic acid through electrostatic interaction.

The present invention also includes compositions prepared for storage or administration that include a pharmaceutically effective amount of the desired compounds in a pharmaceutically acceptable carrier or diluent. Acceptable carriers or diluents for therapeutic use are well known in the pharmaceutical art, and are described, for example, in Remington's Pharmaceutical Sciences, Mack Publishing Co. (A.R. Gennaro edit. 1985), hereby incorporated by reference herein. For example, preservatives, stabilizers, dyes and flavoring agents can be provided. These include sodium benzoate, sorbic acid and esters of phydroxybenzoic acid. In addition, antioxidants and suspending agents can be used.

A pharmaceutically effective dose is that dose required to prevent, inhibit the occurrence, or treat (alleviate a symptom to some extent, preferably all of the symptoms) of a disease state. The pharmaceutically effective dose depends on the type of disease, the composition used, the route of administration, the type of mammal being treated, the physical characteristics of the specific mammal under consideration, concurrent medication, and other factors that those skilled in the medical arts will recognize. Generally, an amount between

0.1 mg/kg and 100 mg/kg body weight/day of active ingredients is administered dependent upon potency of the negatively charged polymer.

The nucleic acid molecules of the invention and formulations thereof can be administered orally, topically, parenterally, by inhalation or spray, or rectally in dosage unit formulations containing conventional non-toxic pharmaceutically acceptable carriers, adjuvants and/or vehicles. The term parenteral as used herein includes percutaneous, subcutaneous, intravascular (e.g., intravenous), intramuscular, or intrathecal injection or infusion techniques and the like. In addition, there is provided a pharmaceutical formulation comprising a nucleic acid molecule of the invention and a pharmaceutically acceptable carrier. One or more nucleic acid molecules of the invention can be present in association with one or more non-toxic pharmaceutically acceptable carriers and/or diluents and/or adjuvants, and if desired other active ingredients. The pharmaceutical compositions containing nucleic acid molecules of the invention can be in a form suitable for oral use, for example, as tablets, troches, lozenges, aqueous or oily suspensions, dispersible powders or granules, emulsion, hard or soft capsules, or syrups or elixirs.

Compositions intended for oral use can be prepared according to any method known to the art for the manufacture of pharmaceutical compositions and such compositions can contain one or more such sweetening agents, flavoring agents, coloring agents or preservative agents in order to provide pharmaceutically elegant and palatable preparations. Tablets contain the active ingredient in admixture with non-toxic pharmaceutically acceptable excipients that are suitable for the manufacture of tablets. These excipients can be for example, inert diluents, such as calcium carbonate, sodium carbonate, lactose, calcium phosphate or sodium phosphate; granulating and disintegrating agents, for example, corn starch, or alginic acid; binding agents, for example starch, gelatin or acacia, and lubricating agents, for example magnesium stearate, stearic acid or talc. The tablets can be uncoated or they can be coated by known techniques. In some cases such coatings can be prepared by known techniques to delay disintegration and absorption in the gastrointestinal tract and thereby provide a sustained action over a longer period. For example, a time delay material such as glyceryl monosterate or glyceryl distearate can be employed.

Formulations for oral use can also be presented as hard gelatin capsules wherein the active ingredient is mixed with an inert solid diluent, for example, calcium carbonate, calcium phosphate or kaolin, or as soft gelatin capsules wherein the active ingredient is mixed with water or an oil medium, for example peanut oil, liquid paraffin or olive oil.

Aqueous suspensions contain the active materials in admixture with excipients suitable for the manufacture of aqueous suspensions. Such excipients are suspending agents, for example sodium carboxymethylcellulose, methylcellulose, hydropropyl-methylcellulose,

sodium alginate, polyvinylpyrrolidone, gum tragacanth and gum acacia; dispersing or wetting agents can be a naturally-occurring phosphatide, for example, lecithin, or condensation products of an alkylene oxide with fatty acids, for example polyoxyethylene stearate, or condensation products of ethylene oxide with long chain aliphatic alcohols, for example heptadecaethyleneoxycetanol, or condensation products of ethylene oxide with partial esters derived from fatty acids and a hexitol such as polyoxyethylene sorbitol monooleate, or condensation products of ethylene oxide with partial esters derived from fatty acids and hexitol anhydrides, for example polyethylene sorbitan monooleate. The aqueous suspensions can also contain one or more preservatives, for example ethyl, or n-propyl p-hydroxybenzoate, one or more coloring agents, one or more flavoring agents, and one or more sweetening agents, such as sucrose or saccharin.

Oily suspensions can be formulated by suspending the active ingredients in a vegetable oil, for example arachis oil, olive oil, sesame oil or coconut oil, or in a mineral oil such as liquid paraffin. The oily suspensions can contain a thickening agent, for example beeswax, hard paraffin or cetyl alcohol. Sweetening agents and flavoring agents can be added to provide palatable oral preparations. These compositions can be preserved by the addition of an anti-oxidant such as ascorbic acid.

Dispersible powders and granules suitable for preparation of an aqueous suspension by the addition of water provide the active ingredient in admixture with a dispersing or wetting agent, suspending agent and one or more preservatives. Suitable dispersing or wetting agents or suspending agents are exemplified by those already mentioned above. Additional excipients, for example sweetening, flavoring and coloring agents, can also be present.

Pharmaceutical compositions of the invention can also be in the form of oil-in-water emulsions. The oily phase can be a vegetable oil or a mineral oil or mixtures of these. Suitable emulsifying agents can be naturally-occurring gums, for example gum acacia or gum tragacanth, naturally-occurring phosphatides, for example soy bean, lecithin, and esters or partial esters derived from fatty acids and hexitol, anhydrides, for example sorbitan monooleate, and condensation products of the said partial esters with ethylene oxide, for example polyoxyethylene sorbitan monooleate. The emulsions can also contain sweetening and flavoring agents.

Syrups and elixirs can be formulated with sweetening agents, for example glycerol, propylene glycol, sorbitol, glucose or sucrose. Such formulations can also contain a demulcent, a preservative and flavoring and coloring agents. The pharmaceutical compositions can be in the form of a sterile injectable aqueous or oleaginous suspension. This suspension can be formulated according to the known art using those suitable dispersing

or wetting agents and suspending agents that have been mentioned above. The sterile injectable preparation can also be a sterile injectable solution or suspension in a non-toxic parentally acceptable diluent or solvent, for example as a solution in 1,3-butanediol. Among the acceptable vehicles and solvents that can be employed are water, Ringer's solution and isotonic sodium chloride solution. In addition, sterile, fixed oils are conventionally employed as a solvent or suspending medium. For this purpose any bland fixed oil can be employed including synthetic mono-or diglycerides. In addition, fatty acids such as oleic acid find use in the preparation of injectables.

The nucleic acid molecules of the invention can also be administered in the form of suppositories, e.g., for rectal administration of the drug. These compositions can be prepared by mixing the drug with a suitable non-irritating excipient that is solid at ordinary temperatures but liquid at the rectal temperature and will therefore melt in the rectum to release the drug. Such materials include cocoa butter and polyethylene glycols.

Nucleic acid molecules of the invention can be administered parenterally in a sterile medium. The drug, depending on the vehicle and concentration used, can either be suspended or dissolved in the vehicle. Advantageously, adjuvants such as local anesthetics, preservatives and buffering agents can be dissolved in the vehicle.

Dosage levels of the order of from about 0.1 mg to about 140 mg per kilogram of body weight per day are useful in the treatment of the above-indicated conditions (about 0.5 mg to about 7 g per patient per day). The amount of active ingredient that can be combined with the carrier materials to produce a single dosage form varies depending upon the host treated and the particular mode of administration. Dosage unit forms generally contain between from about 1 mg to about 500 mg of an active ingredient.

It is understood that the specific dose level for any particular patient depends upon a variety of factors including the activity of the specific compound employed, the age, body weight, general health, sex, diet, time of administration, route of administration, and rate of excretion, drug combination and the severity of the particular disease undergoing therapy.

For administration to non-human animals, the composition can also be added to the animal feed or drinking water. It can be convenient to formulate the animal feed and drinking water compositions so that the animal takes in a therapeutically appropriate quantity of the composition along with its diet. It can also be convenient to present the composition as a premix for addition to the feed or drinking water.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic

effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

Alternatively, the enzymatic nucleic acid molecules of the instant invention can be expressed within cells from eukaryotic promoters (e.g., Izant and Weintraub, 1985 Science 229, 345; McGarry and Lindquist, 1986 Proc. Natl. Acad. Sci. USA 83, 399; Scanlon et al., 1991, Proc. Natl. Acad. Sci. USA, 88, 10591-5; Kashani-Sabet et al., 1992 Antisense Res. Dev., 2, 3-15; Dropulic et al., 1992 J. Virol, 66, 1432-41; Weerasinghe et al., 1991 J. Virol, 65, 5531-4; Ojwang et al., 1992 Proc. Natl. Acad. Sci. USA 89, 10802-6; Chen et al., 1992 Nucleic Acids Res., 20, 4581-9; Sarver et al., 1990 Science 247, 1222-1225; Thompson et al., 1995 Nucleic Acids Res. 23, 2259; Good et al., 1997, Gene Therapy, 4, 45; all of the references are hereby incorporated in their totality by reference herein). Those skilled in the art realize that any nucleic acid can be expressed in eukaryotic cells from the appropriate DNA/RNA vector. The activity of such nucleic acids can be augmented by their release from the primary transcript by a enzymatic nucleic acid (Draper et al., PCT WO 93/23569, and Sullivan et al., PCT WO 94/02595; Ohkawa et al., 1992 Nucleic Acids Symp. Ser., 27, 15-6; Taira et al., 1991, Nucleic Acids Res., 19, 5125-30; Ventura et al., 1993 Nucleic Acids Res., 21, 3249-55; Chowrira et al., 1994 J. Biol. Chem. 269, 25856; all of the references are hereby incorporated in their totality by reference herein).

In another aspect of the invention, RNA molecules of the present invention can be expressed from transcription units (see for example Couture et al., 1996, TIG., 12, 510) inserted into DNA or RNA vectors. The recombinant vectors can be DNA plasmids or viral vectors. Ribozyme expressing viral vectors can be constructed based on, but not limited to, adeno-associated virus, retrovirus, adenovirus, or alphavirus. The recombinant vectors capable of expressing the nucleic acid molecules can be delivered as described above, and persist in target cells. Alternatively, viral vectors can be used that provide for transient expression of nucleic acid molecules. Such vectors can be repeatedly administered as necessary. Once expressed, the nucleic acid molecule binds to the target mRNA. Delivery of nucleic acid molecule expressing vectors can be systemic, such as by intravenous or intramuscular administration, by administration to target cells ex-planted from the patient followed by reintroduction into the patient, or by any other means that would allow for introduction into the desired target cell (for a review see Couture et al., 1996, TIG., 12, 510).

In one aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention. The

nucleic acid sequence encoding the nucleic acid molecules of the instant invention is operably linked in a manner that allows expression of that nucleic acid molecule.

In another aspect, the invention features an expression vector comprising: a) a transcription initiation region (e.g., eukaryotic pol I, II or III initiation region); b) a transcription termination region (e.g., eukaryotic pol I, II or III termination region); c) a nucleic acid sequence encoding at least one of the nucleic acid molecules of the instant invention; and wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule. The vector can optionally include an open reading frame (ORF) for a protein operably linked on the 5' side or the 3'-side of the sequence encoding the nucleic acid catalyst of the invention; and/or an intron (intervening sequences).

Transcription of the nucleic acid molecule sequences can be driven from a promoter for eukaryotic RNA polymerase I (pol I), RNA polymerase II (pol II), or RNA polymerase III (pol III). Transcripts from pol II or pol III promoters are generally expressed at high levels in all cells; the levels of a given pol II promoter in a given cell type will depend on the nature of the gene regulatory sequences (enhancers, silencers, etc.) present nearby. Prokaryotic RNA polymerase promoters can be also used, providing that the prokaryotic RNA polymerase enzyme is expressed in the appropriate cells (Elroy-Stein and Moss, 1990, Proc. Natl. Acad. Sci. USA, 87, 6743-7; Gao and Huang 1993, Nucleic Acids Res., 21, 2867-72; Lieber et al., 1993, Methods Enzymol., 217, 47-66; Zhou et al., 1990, Mol. Cell. Biol., 10, 4529-37). All of these references are incorporated by reference herein. Several investigators have demonstrated that nucleic acid molecules, such as enzymatic nucleic acids, expressed from such promoters function in mammalian cells (e.g. Kashani-Sabet et al., 1992, Antisense Res. Dev., 2, 3-15; Ojwang et al., 1992, Proc. Natl. Acad. Sci. USA, 89, 10802-6; Chen et al., 1992, Nucleic Acids Res., 20, 4581-9; Yu et al., 1993, Proc. Natl. Acad. Sci. U S A, 90, 6340-4; L'Huillier et al., 1992, EMBO J., 11, 4411-8; Lisziewicz et al., 1993, Proc. Natl. Acad. Sci. U. S. A, 90, 8000-4; Thompson et al., 1995, Nucleic Acids Res., 23, 2259; Sullenger & Cech, 1993, Science, 262, 1566). More specifically, transcription units such as the ones derived from genes encoding U6 small nuclear (snRNA), transfer RNA (tRNA) and adenovirus VA RNA are useful in generating high concentrations of desired RNA molecules such as enzymatic nucleic acids in cells (Thompson et al., supra; Couture and Stinchcomb, 1996, supra; Noonberg et al., 1994, Nucleic Acid Res., 22, 2830; Noonberg et al., US Patent No. 5,624,803; Good et al., 1997, Gene Ther., 4, 45; Beigelman et al., International PCT

Publication No. WO 96/18736; all of these publications are incorporated by reference herein. The above enzymatic nucleic acid transcription units can be incorporated into a variety of vectors for introduction into mammalian cells, including but not restricted to, plasmid DNA vectors, viral DNA vectors (such as adenovirus or adeno-associated virus vectors), or viral RNA vectors (such as retroviral or alphavirus vectors) (for a review see Couture and Stinchcomb, 1996, supra).

In yet another aspect, the invention features an expression vector comprising nucleic acid sequence encoding at least one of the nucleic acid molecules of the invention, in a manner that allows expression of that nucleic acid molecule. The expression vector comprises in one embodiment; a) a transcription initiation region; b) a transcription termination region; and c) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an open reading frame; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In yet another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; and d) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to said initiation region, said intron and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

In another embodiment, the expression vector comprises: a) a transcription initiation region; b) a transcription termination region; c) an intron; d) an open reading frame; and e) a nucleic acid sequence encoding at least one said nucleic acid molecule, wherein said sequence is operably linked to the 3'-end of said open reading frame and wherein said sequence is operably linked to said initiation region, said intron, said open reading frame and said termination region, in a manner that allows expression and/or delivery of said nucleic acid molecule.

The nucleic acid molecules of the present invention can also be administered to a patient in combination with other therapeutic compounds to increase the overall therapeutic effect. The use of multiple compounds to treat an indication can increase the beneficial effects while reducing the presence of side effects.

### Interferons

Type I interferons (IFN) are a class of natural cytokines that includes a family of greater than twenty-five IFN-\alpha (Pesta, 1986, Methods Enzymol. 119, 3-14) as well as IFN-\beta, and IFN- $\omega$ . Although evolutionarily derived from the same gene (Diaz et al., 1994, Genomics 22, 540-552), there are many differences in the primary sequence of these molecules, implying an evolutionary divergence in biologic activity. All type I IFN share a common pattern of biologic effects that begin with binding of the IFN to the cell surface receptor (Pfeffer & Strulovici, 1992, Transmembrane secondary messengers for IFN-α/β, In: Interferon. Principles and Medical Applications., S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds. 151-160). Binding is followed by activation of tyrosine kinases, including the Janus tyrosine kinases and the STAT proteins, which leads to the production of several IFNstimulated gene products (Johnson et al., 1994, Sci. Am. 270, 68-75). The IFN-stimulated gene products are responsible for the pleotropic biologic effects of type I IFN, including antiviral, antiproliferative, and immunomodulatory effects, cytokine induction, and HLA class I and class II regulation (Pestka et al., 1987, Annu. Rev. Biochem 56, 727). Examples of IFNstimulated gene products include 2-5-oligoadenylate synthetase (2-5 OAS), β<sub>2</sub>-microglobulin, neopterin, p68 kinases, and the Mx protein (Chebath & Revel, 1992, The 2-5 A system: 2-5 A synthetase, isospecies and functions. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Jr. Fleischmann, T.K. Jr Hughes, G.R. Kimpel, D.W. Niesel, G.J. Stanton, and S.K. Tyring, eds., pp. 225-236; Samuel, 1992, The RNAdependent P1/eIF-2\alpha protein kinase. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 237-250; Horisberger, 1992, MX protein: function and Mechanism of Action. In: Interferon. Principles and Medical Applications. S. Baron, D.H. Coopenhaver, F. Dianzani, W.R. Fleischmann Jr., T.K. Hughes Jr., G.R. Kimpel, D.W. Niesel, G.H. Stanton, and S.K. Tyring, eds. 215-224). Although all type I IFN have similar biologic effects, not all the activities are shared by each type I IFN, and, in many

cases, the extent of activity varies quite substantially for each IFN subtype (Fish et al, 1989, J. Interferon Res. 9, 97-114; Ozes et al., 1992, J. Interferon Res. 12, 55-59). More specifically, investigations into the properties of different subtypes of IFN-α and molecular hybrids of IFN-α have shown differences in pharmacologic properties (Rubinstein, 1987, J. Interferon Res. 7, 545-551). These pharmacologic differences can arise from as few as three amino acid residue changes (Lee et al., 1982, Cancer Res. 42, 1312-1316).

Eighty-five to 166 amino acids are conserved in the known IFN- $\alpha$  subtypes. Excluding the IFN- $\alpha$  pseudogenes, there are approximately 25 known distinct IFN- $\alpha$  subtypes. Pairwise comparisons of these nonallelic subtypes show primary sequence differences ranging from 2% to 23%. In addition to the naturally occurring IFNs, a non-natural recombinant type I interferon known as consensus interferon (CIFN) has been synthesized as a therapeutic compound (Tong et al., 1997, Hepatology 26, 747-754).

Interferon is currently in use for at least 12 different indications, including infectious and autoimmune diseases and cancer (Borden, 1992, N. Engl. J. Med. 326, 1491-1492). For autoimmune diseases, IFN has been utilized for treatment of rheumatoid arthritis, multiple sclerosis, and Crohn's disease. For treatment of cancer, IFN has been used alone or in combination with a number of different compounds. Specific types of cancers for that IFN has been used include squamous cell carcinomas, melanomas, hypernephromas, hemangiomas, hairy cell leukemia, and Kaposi's sarcoma. In the treatment of infectious diseases, IFNs increase the phagocytic activity of macrophages and cytotoxicity of lymphocytes and inhibits the propagation of cellular pathogens. Specific indications for that IFN has been used as treatment include: hepatitis B, human papillomavirus types 6 and 11 (i.e. genital warts) (Leventhal et al., 1991, N Engl J Med 325, 613-617), chronic granulomatous disease, and hepatitis C virus.

Nucleic acid molecules of the instant invention, in combination with IFN, have the potential to improve the effectiveness of treatment of WNV or any of the other indications discussed above. Nucleic acid molecules targeting RNAs associated with diseases such as infectious diseases, autoimmune diseases, and cancer, can be used individually or in combination with other therapies such as IFN to achieve enhanced efficacy.

#### Examples

The following are non-limiting examples showing the selection, isolation, synthesis and activity of nucleic acids of the instant invention.

The following examples demonstrate the selection and design of Antisense, hammerhead, DNAzyme, NCH, Amberzyme, Zinzyme, or G-Cleaver enzymatic nucleic acid molecules and binding/cleavage sites within WNV RNA.

## Example 1: Identification of Potential Target Sites in Human WNV RNA

The sequence of human WNV was screened for accessible sites using a computer-folding algorithm. Regions of the RNA that do not form secondary folding structures and contained potential enzymatic nucleic acid and/or antisense binding/cleavage sites were identified. The sequences of these binding/cleavage sites are shown in Tables III-XIII.

### Example 2: Selection of Enzymatic Nucleic Acid Cleavage Sites in Human WNV RNA

Enzymatic nucleic acid target sites were chosen by analyzing sequences of Human WNV (Genbank accession No: AF196835) and prioritizing the sites on the basis of folding. Enzymatic nucleic acid molecules are designed that could bind each target and are individually analyzed by computer folding (Christoffersen et al., 1994 J. Mol. Struc. Theochem, 311, 273; Jaeger et al., 1989, Proc. Natl. Acad. Sci. USA, 86, 7706) to assess whether the enzymatic nucleic acid molecules sequences fold into the appropriate secondary structure. Those enzymatic nucleic acid molecules with unfavorable intramolecular interactions between the binding arms and the catalytic core are eliminated from consideration. As noted below, varying binding arm lengths can be chosen to optimize activity. Generally, at least 4 bases on each arm can bind to, or otherwise interact with, the target RNA.

# Example 3: Chemical Synthesis and Purification of Enzymatic nucleic acid molecules and Antisense for Efficient Cleavage and/or blocking of WNV RNA

Enzymatic nucleic acid molecules and antisense constructs can be designed to anneal to various sites in the RNA transcript. The binding arms of the enzymatic nucleic acid molecules are complementary to the target site sequences described above, while the antisense constructs are complementary to the target site sequences described above. The enzymatic nucleic acid molecules and antisense constructs can be chemically synthesized using, for example, RNA syntheses such as those described above and those described in Usman et al., (1987 J. Am. Chem. Soc., 109, 7845), Scaringe et al., (1990 Nucleic Acids Res., 18, 5433) and Wincott et al., supra. Such methods make use of common nucleic acid protecting and coupling groups, such as dimethoxytrityl at the 5'-end, and phosphoramidites at the 3'-end. The average stepwise coupling yields are typically >98%.

Enzymatic nucleic acid molecules and antisense constructs also can be synthesized from DNA templates using bacteriophage T7 RNA polymerase (Milligan and Uhlenbeck, 1989, Methods Enzymol. 180, 51). Enzymatic nucleic acid molecules and antisense constructs are purified by gel electrophoresis using known methods, or are purified by high pressure liquid chromatography (HPLC; See Wincott et al., supra; the totality of which is hereby incorporated herein by reference), and are resuspended in water. The sequences of chemically synthesized enzymatic nucleic acid constructs are shown below in Table III-XIII. The enzymatic nucleic acid molecules shown in Table XIII were chemically synthesized. The sequences of chemically synthesized antisense constructs are complimentary sequences to the Substrate sequences shown below as in Table III-XIII.

# Example 4: Enzymatic nucleic acid molecule Cleavage of WNV RNA Target in vitro

Enzymatic nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These enzymatic nucleic acid molecules can be tested for cleavage activity *in vitro*, for example using the following procedure. The target sequences and the nucleotide location within the WNV RNA are given in **Tables III-XIII**.

Cleavage Reactions: Full-length or partially full-length, internally-labeled target RNA for the enzymatic nucleic acid cleavage assay is prepared by in vitro transcription in the presence of [a-32p] CTP, passed over a G 50 Sephadex column by spin chromatography and used as substrate RNA without further purification. Alternately, substrates are 5'-32P-end labeled using T4 polynucleotide kinase enzyme. Assays are performed by pre-warming a 2X concentration of purified enzymatic nucleic acid in cleavage buffer (50 mM Tris-HCl, pH 7.5 at 37°C, 10 mM MgCl<sub>2</sub>), and the cleavage reaction is initiated by adding the 2X enzymatic nucleic acid mix to an equal volume of substrate RNA (maximum of 1-5 nM) that was also pre-warmed in cleavage buffer. As an initial screen, assays are carried out for 3 hours at 37°C using a final concentration of either 40 nM or 1 mM enzymatic nucleic acid molecule, i.e., enzymatic nucleic acid molecule excess. The reaction is quenched by the addition of an equal volume of 95% formamide, 20 mM EDTA, 0.05% bromophenol blue and 0.05% xylene cyanol after which the sample is heated to 95°C for 2 minutes, quick chilled and loaded onto a denaturing polyacrylamide gel. Substrate RNA and the specific RNA cleavage products generated by enzymatic nucleic acid cleavage are visualized on an autoradiograph of the gel. The percentage of cleavage is determined by Phosphor Imager® quantitation of bands representing the intact substrate and the cleavage products. Using the methods described, five different enzymatic nucleic acid molecules of different motifs were tested for cleavage activity. The results of this study are shown in Table XIV, which shows cleavage data for five different enzymatic nucleic acid motifs (Hammerhead, Inozyme, DNAzyme, Amberzyme and Zinzyme).

### Example 5: Nucleic acid inhibition of WNV target RNA in vivo

Nucleic acid molecules targeted to the human WNV RNA are designed and synthesized as described above. These nucleic acid molecules can be tested for cleavage activity *in vivo*, for example, using the procedures described below. The target sequences and the nucleotide location within the WNV RNA are given in **Tables III-XIII**.

#### Cell Culture Assays

HeLa cells are seeded in 96-well plates at a density of 9000-10,000 cells/well and incubated at 37°C under 5% CO2 for 24 h. Vero and/or BHK-21 cells can also be used. Cells are then infected with WNV for 1 hour at a multiplicity of infection of 2 in a total volume of 0.1 ml per well. Transfection of enzymatic nucleic acid (for example, enzymatic nucleic acid molecule of SEQ ID NOS. 37019-37043) or control oligonucleotides (scrambled or binding-attenuated core sequence; 50 - 200 nM final) is achieved by mixing 5X enzymatic nucleic acid or control oligonucleotides (250 - 1000 nM) and 5X of a cationic lipid in DMEM with 5% fetal bovine serum (FBS) in U-bottom 96-well plates. Enzymatic nucleic acid/lipid complexes are allowed to incubate for 15 min at 37°C under 5% CO2. The viral inoculum is aspirated from cells and replaced with 80 μl of DMEM with 5% FBS serum and 20 μl of 5X nucleic acid/lipid complexes. Cells are incubated with 5X complexes for 24 h at 37°C under 5% CO2. After 24 h, intracellular virus released after freeze/thaw and/or virus secreted into the media is quantified by plaque assay or by a cytopathic effect limiting dilution assay. In addition, viral protein and viral RNA can be analyzed by ELISA and RT-PCR, respectively.

#### Animal Models

WNV infectivity has been studied in mice (Ben-Nathan et al., 1996m Arch. Virol., 141, 459-469; Chambers et al., 1998, 79, 2375-2380). Mouse models such as those described can be used to study inhibition of WNV by the nucleic acid molecules of the instant invention. For example, the induction to WNV infection in mice has been demonstrated, resulting in penetration of WNV into the central nervous system. Viral infection in mice is exacerbated when animals are macrophage depleted, resulting in higher and extended viremia and accelerated development of encephalitis and death. Both macrophage intact and macrophage depleted mice thus infected with WNV are treated with enzymatic nucleic acids of the invention (SEQ ID NOS: 37019-37043) along with relevant scrambled or attenuated controls via sub-cutaneous injection or intraperitoneal injection. Viral load and mortality are

used as endpoints in the study. As noted in Ben-Nathan et al., supra, an increase in mortality from 50% to 100% results in macrophage depleted mice. A decrease in mortality based on these percentages with a similar decrease in viral load in these animals is indicative of a therapeutic effect mediated by nucleic acid molecules of the invention.

#### Diagnostic uses

Enzymatic nucleic acid molecules of this invention can be used as diagnostic tools to examine genetic drift and mutations within diseased cells or to detect the presence of WNV RNA in a cell. The close relationship between enzymatic nucleic acid activity and the structure of the target RNA allows the detection of mutations in any region of the molecule that alters the base-pairing and three-dimensional structure of the target RNA. By using multiple enzymatic nucleic acid molecules described in this invention, one can map nucleotide changes that are important to RNA structure and function in vitro, as well as in cells and tissues in vivo. Cleavage of target RNAs with enzymatic nucleic acid molecules can be used to inhibit gene expression and define the role of specified gene products in the progression of disease. In this manner, other genetic targets can be defined as important mediators of the disease. Such methods can improve treatment of the disease by affording the possibility of combination therapies (e.g., multiple enzymatic nucleic acid molecules targeted to different genes, enzymatic nucleic acid molecules coupled with known small molecule inhibitors, or intermittent treatment with combinations of enzymatic nucleic acid molecules and/or other chemical or biological molecules). Other in vitro uses of enzymatic nucleic acids of this invention are well known in the art, and include detection of the presence of mRNAs associated with WNV related condition. Such RNA is detected by determining the presence of a cleavage product after treatment with an enzymatic nucleic acid molecule using standard methodology.

Enzymatic nucleic acid molecules that can cleave only wild-type or mutant forms of the target RNA can be used for the assay. The first enzymatic nucleic acid molecule is used to identify wild-type RNA present in the sample and the second enzymatic nucleic acid molecule will be used to identify mutant RNA in the sample. As reaction controls, synthetic substrates of both wild-type and mutant RNA are cleaved by both enzymatic nucleic acid molecules to demonstrate the relative enzymatic nucleic acid efficiencies in the reactions and the absence of cleavage of the "non-targeted" RNA species. The cleavage products from the synthetic substrates also serve to generate size markers for the analysis of wild-type and

mutant RNAs in the sample population. Thus each analysis requires two enzymatic nucleic acid molecules, two substrates and one unknown sample that is combined into six reactions. The presence of cleavage products is determined using an RNase protection assay so that full-length and cleavage fragments of each RNA can be analyzed in one lane of a polyacrylamide gel. It is not absolutely required to quantify the results to gain insight into the expression of mutant RNAs and putative risk of the desired phenotypic changes in target cells. The expression of mRNA whose protein product is implicated in the development of the phenotype (i.e., WNV) is adequate to establish risk. If probes of comparable specific activity are used for both transcripts, then a qualitative comparison of RNA levels is adequate and decreases the cost of the initial diagnosis. Higher mutant form to wild-type ratios are correlated with higher risk whether RNA levels are compared qualitatively or quantitatively.

#### Additional Uses

The sequence-specific enzymatic nucleic acid molecules of the instant invention can also have many of the same applications for the study of RNA that DNA restriction endonucleases have for the study of DNA (Nathans et al., 1975 Ann. Rev. Biochem. 44:273). For example, the pattern of restriction fragments can be used to establish sequence relationships between two related RNAs, and large RNAs could be specifically cleaved to fragments of a size more useful for study. The ability to engineer sequence specificity of the enzymatic nucleic acid molecule is ideal for cleavage of RNAs of unknown sequence. Applicant describes the use of nucleic acid molecules to down-regulate gene expression of target genes in bacterial, microbial, fungal, viral, and eukaryotic systems including plant, or mammalian cells.

All patents and publications mentioned in the specification are indicative of the levels of skill of those skilled in the art to that the invention pertains. All references cited in this disclosure are incorporated by reference to the same extent as if each reference had been incorporated by reference in its entirety individually.

One skilled in the art would readily appreciate that the present invention is well adapted to carry out the objects and obtain the ends and advantages mentioned, as well as those inherent therein. The methods and compositions described herein as presently representative of preferred embodiments are exemplary and are not intended as limitations on the scope of the invention. Changes therein and other uses will occur to those skilled in the

art, that are encompassed within the spirit of the invention, are defined by the scope of the claims.

It will be readily apparent to one skilled in the art that varying substitutions and modifications can be made to the invention disclosed herein without departing from the scope and spirit of the invention. Thus, such additional embodiments are within the scope of the present invention and the following claims.

The invention illustratively described herein suitably can be practiced in the absence of any element or elements, limitation or limitations that are not specifically disclosed herein. The terms and expressions that have been employed are used as terms of description and not of limitation, and there is no intention that in the use of such terms and expressions of excluding any equivalents of the features shown and described or portions thereof, but it is recognized that various modifications are possible within the scope of the invention claimed. Thus, it should be understood that although the present invention has been specifically disclosed by preferred embodiments, optional features, modification and variation of the concepts herein disclosed can be resorted to by those skilled in the art, and that such modifications and variations are considered to fall within the scope of this invention as defined by the description and the appended claims.

In addition, where features or aspects of the invention are described in terms of Markush groups or other grouping of alternatives, those skilled in the art will recognize that the invention is also thereby described in terms of any individual member or subgroup of members of the Markush group or other group.

Other embodiments are within the claims that follow.

#### **TABLE I**

#### Characteristics of naturally occurring ribozymes

#### **Group I Introns**

- Size: ~150 to >1000 nucleotides.
- Requires a U in the target sequence immediately 5' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site.
- Reaction mechanism: attack by the 3'-OH of guanosine to generate cleavage products with 3'-OH and 5'-guanosine.
- Additional protein cofactors required in some cases to help folding and maintainance of the active structure.
- Over 300 known members of this class. Found as an intervening sequence in Tetrahymena thermophila rRNA, fungal mitochondria, chloroplasts, phage T4, bluegreen algae, and others.
- Major structural features largely established through phylogenetic comparisons, mutagenesis, and biochemical studies [i,ii].
- Complete kinetic framework established for one ribozyme [iii,iv,v,vi].
- Studies of ribozyme folding and substrate docking underway [vii, viii, ix].
- Chemical modification investigation of important residues well established [x,xi].
- The small (4-6 nt) binding site may make this ribozyme too non-specific for targeted RNA cleavage, however, the Tetrahymena group I intron has been used to repair a "defective" β-galactosidase message by the ligation of new β-galactosidase sequences onto the defective message [xii].

#### RNAse P RNA (M1 RNA)

- Size: ~290 to 400 nucleotides.
- RNA portion of a ubiquitous ribonucleoprotein enzyme.
- Cleaves tRNA precursors to form mature tRNA [xiii].
- Reaction mechanism: possible attack by M<sup>2+</sup>-OH to generate cleavage products with 3'-OH and 5'-phosphate.
- RNAse P is found throughout the prokaryotes and eukaryotes. The RNA subunit has been sequenced from bacteria, yeast, rodents, and primates.
- Recruitment of endogenous RNAse P for therapeutic applications is possible through hybridization of an External Guide Sequence (EGS) to the target RNA [xiv,xv]
- Important phosphate and 2' OH contacts recently identified [xvi,xvii]

#### **Group II Introns**

- Size: >1000 nucleotides.
- Trans cleavage of target RNAs recently demonstrated [xviii,xix].
- Sequence requirements not fully determined.
- Reaction mechanism: 2'-OH of an internal adenosine generates cleavage products with 3'-OH and a "lariat" RNA containing a 3'-5' and a 2'-5' branch point.

- Only natural ribozyme with demonstrated participation in DNA cleavage [xx,xxi] in addition to RNA cleavage and ligation.
- Major structural features largely established through phylogenetic comparisons [xxii].
- Important 2' OH contacts beginning to be identified [xxiii]
- Kinetic framework under development [xxiv]

#### Neurospora VS RNA

- Size: ~144 nucleotides.
- Trans cleavage of hairpin target RNAs recently demonstrated [xxv].
- Sequence requirements not fully determined.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Binding sites and structural requirements not fully determined.
- Only 1 known member of this class. Found in Neurospora VS RNA.

### Hammerhead Ribozyme

(see text for references)

- Size: ~13 to 40 nucleotides.
- Requires the target sequence UH immediately 5' of the cleavage site.
- Binds a variable number nucleotides on both sides of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 14 known members of this class. Found in a number of plant pathogens (virusoids) that use RNA as the infectious agent.
- Essential structural features largely defined, including 2 crystal structures [xxvi,xxvii]
- Minimal ligation activity demonstrated (for engineering through in vitro selection)
   [xxviii]
- Complete kinetic framework established for two or more ribozymes [xxix].
- Chemical modification investigation of important residues well established [xxx].

#### Hairpin Ribozyme

- Size: ~50 nucleotides.
- Requires the target sequence GUC immediately 3' of the cleavage site.
- Binds 4-6 nucleotides at the 5'-side of the cleavage site and a variable number to the 3'-side of the cleavage site.
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- 3 known members of this class. Found in three plant pathogen (satellite RNAs of the tobacco ringspot virus, arabis mosaic virus and chicory yellow mottle virus) which uses RNA as the infectious agent.
- Essential structural features largely defined [xxxi,xxxii,xxxii,xxxii]
- Ligation activity (in addition to cleavage activity) makes ribozyme amenable to engineering through in vitro selection [xxx]
- Complete kinetic framework established for one ribozyme [xxxvi].
- Chemical modification investigation of important residues begun [xxxviii].

#### Hepatitis Delta Virus (HDV) Ribozym

- Size: ~60 nucleotides.
- Trans cleavage of target RNAs demonstrated [xxxix].
- Binding sites and structural requirements not fully determined, although no sequences 5' of cleavage site are required. Folded ribozyme contains a pseudoknot structure [x1].
- Reaction mechanism: attack by 2'-OH 5' to the scissile bond to generate cleavage products with 2',3'-cyclic phosphate and 5'-OH ends.
- Only 2 known members of this class. Found in human HDV.
- Circular form of HDV is active and shows increased nuclease stability [xli]
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Table II

Table II:

A. 2.5 µmol Synthesis Cycle ABI 394 Instrument

Reagent	Equivalents	Amount	Walt Time* DNA Wait Time* 2'- O-methyl	Wait Time* 2'- O-methyl	Walt Time* RNA
Phosphoramidites	6.5	163 pL	45 sec	2.5 min	7.5 min
S-Ethyl Tetrazole	23.8	238 µL	45 sec	2.5 min	7.5 min
Acetic Anhydride	100	233 µL	5 sec	5 sec	5 sec
N-Methyl Imidazole	186	233 µL	5 sec	5 sec	5 sec
TCA	176	2.3 mL	21 sec	21 sec	21 sec
lodine	11.2		45 sec	45 sec	45 sec
Beaucage	12.9	645 µL	100 sec	300 sec	300 sec
Acetonitrile	NA	6.67 mL	NA	NA	Ą
	B. 0.2 µmol Synt	hesis Cycle	B. 0.2 µmol Synthesis Cycle ABI 394 Instrument		
Reagent	Equivalents	Amount	Wait Time* DNA Wait Tlme* 2'- O-methyl	Wait Time* 2'- O-methyl	Wait Time* RNA
Phosphoramidites	15	31 µL	45 sec	233 sec	465 sec
S-Ethyl Tetrazole	38.7	31 pL	45 sec	233 mín	465 sec
Acetic Anhydride	655	124 µL	5 sec	5 sec	5 sec
N-Methyl Imidazole	1245	124 µL	5 sec	5 sec	5 sec
TCA	200	732 µL	10 sec	10 sec	10 sec
lodine	20.6	244 pt	15 sec	15 sec	15 sec

Beaucage	7.7	232 µL	100 sec	300 sec	300 sec	
Acetonitrile	NA	2.64 mL	ĄN	ĄN	ĄZ	
	Smil 6 C	the Country of all Strategies of the Country of the	o oe motor	•		

C. 0.2 µmol Synthesis Cycle 96 well Instrument

Reagent	Equivalents DNA/2'-O-methyl/Ribo	Amount DNA/2'-O-methyl/Ribo	Wait Time* DNA	Wait Time* 2'-O- methyl	Walt Time* Rib
Phosphoramidites	22/33/66	40/60/120 µL	60 sec	180 sec	360sec
S-Ethyl Tetrazole	70/105/210	40/60/120 µL	eo sec	180 min	360 sec
Acetic Anhydride	265/265/265	50/50/50 pL	10 sec	10 sec	10 sec
N-Methyl Imidazole	502/502/502	50/50/50 µL	10 sec	10 sec	10 sec
TCA	238/475/475	250/500/500 µL	15 sec	15 sec	15 sec
lodine	6.8/6.8/6.8	80/80/80 µL	30 sec	30 sec	30 sec
Beancage	34/51/51	80/120/120	100 sec	200 sec	200 sec
Acetonitrile	NA	1150/1150/1150 µL	NA AN	V.	N A

\* Walt time does not include contact time during delivery.

 ${\bf Table~III}$   ${\bf Table~III:~WNV~Hammerhead~Ribozyme~and~Target~Sequence}$ 

Pos	Substrate	Seq ID	Ribozyme	Rs Seq
30	GACAAACU U AGUAGUGU	<del>                                     </del>	ACLERICAL CHICANIAN COCCURRENCES CONTRACTOR	ID
31	ACAAACU O AGUAGUGUU	1 2	ACACUACU CUGAUGAG GCCGUUAGGC CGAA AGUUUGUC	15309
34	AACUUAGU A GUGUUUGU	3	AACACUAC CUGAUGAG GCCGUUAGGC CGAA AAGUUUGU ACAAACAC CUGAUGAG GCCGUUAGGC CGAA ACUAAGUU	15310
39	AGUAGUGU U UGUGAGGA	4	UCCUCACA CUGAUGAG GCCGUUAGGC CGAA ACCUACU	15311
40	GUAGUGUU U GUGAGGAU	5	AUCCUCAC CUGAUGAG GCCGUUAGGC CGAA ACACUAC	15312
49	GUGAGGAU U AACAACAA	6	UUGUUGUU CUGAUGAG GCCGUUAGGC CGAA AUCCUCAC	15313
50	UGAGGAUU A ACAACAAU	1 7	AUUGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUCCUCA	15314
59	ACAACAAU U AACACAGU	8	ACUGUGUJ CUGAUGAG GCCGUUAGGC CGAA AUUGUUGU	15316
60	CAACAAUU A ACACAGUG	9	CACUGUGU CUGAUGAG GCCGUUAGGC CGAA AAUUGUUG	15317
77	CGAGCUGU U UCUUAGCA	10	UGCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACAGCUCG	15317
78	GAGCUGUU U CUUAGCAC	11	GUGCUAAG CUGAUGAG GCCGULIAGGC CGAA AACAGCUC	15319
79	AGCUGUUU C UUAGCACG	12	CGUGCUAA CUGAUGAG GCCGUUAGGC CGAA AAACAGCU	15320
81	CUGUUUCU U AGCACGAA	13	UUCGUGCU CUGAUGAG GCCGUUAGGC CGAA AGAAACAG	15321
82	UGUUUCUU A GCACGAAG	14	CUUCGUGC CUGAUGAG GCCGUUAGGC CGAA AAGAAACA	15322
93	ACGAAGAU C UCGAUGUC	15	GACAUCGA CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	15323
95	GAAGAUCU C GAUGUCUA	16	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA AGAUCUUC	15324
101	CUCGAUGU C UAAGAAAC	17	GUUUCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUCGAG	15325
103	CGAUGUCU A AGAAACCA	18	UGGUUUCU CUGAUGAG GCCGUUAGGC CGAA AGACAUCG	15326
138	CGGGCUGU C AAUAUGCU	19	AGCAUAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCCG	15327
142	CUGUCAAU A UGCUAAAA	20	UUUUAGCA CUGAUGAG GCCGUUAGGC CGAA AUUGACAG	15328
147	AAUAUGCU A AAACGCGG	21	CCGCGUUU CUGAUGAG GCCGUUAGGC CGAA AGCAUAUU	15329
170	CCGCGUGU U GUCCUUGA	22	UCAAGGAC CUGAUGAG GCCGUUAGGC CGAA ACACGCGG	15330
173	CGUGUUGU C CUUGAUUG	23	CAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAACACG	15331
176	GUUGUCCU U GAUUGGAC	24	GUCCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGACAAC	15332
180	UCCUUGAU U GGACUGAA	25	UUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGA	15333
196	AGAGGGCU A UGUUGAGC	26	GCUCAACA CUGAUGAG GCCGUUAGGC CGAA AGCCCUCU	15334
200	GGCUAUGU U GAGCCUGA	27	UCAGGCUC CUGAUGAG GCCGUUAGGC CGAA ACAUAGCC	15335
210	AGCCUGAU C GACGGCAA	28	UUGCCGUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	15336
228	GGGCCAAU A CGAUUUGU	29	ACAAAUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGCCC	15337
233	AAUACGAU U UGUGUUGG	30	CCAACACA CUGAUGAG GCCGUUAGGC CGAA AUCGUAUU	15338
239	AUACGAUU U GUGUUGGC AUUUGUGU U GGCUCUCU	31	GCCAACAC CUGAUGAG GCCGUUAGGC CGAA AAUCGUAU	15339
244	UGUUGGCU C UCUUGGCG	33	AGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACAAAU CGCCAAGA CUGAUGAG GCCGUUAGGC CGAA AGCCAACA	15340
246	ANGGCACA C ACARGEGANA	34	AACGCCAA CUGAUGAG GCCGUUAGGC CGAA AGCCAACA  AACGCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15341
248	GGCUCUCU U GGCGUUCU	35	AGAACGCC CUGAUGAG GCCGUUAGGC CGAA AGAGAGCC	15342
254	CUUGGCGU U CUUCAGGU	36	ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGCCAAG	15344
255	UUGGCGUU C UUCAGGUU	37	AACCUGAA CUGAUGAG GCCGUUAGGC CGAA AACGCCAA	15344
257	GGCGUUCU U CAGGUUCA	38	UGAACCUG CUGAUGAG GCCGUUAGGC CGAA AGAACGCC	15346
258	GCGUUCUU C AGGUUCAC	39	GUGAACCU CUGAUGAG GCCGUUAGGC CGAA AAGAACGC	15347
263	CUUCAGGU U CACAGCAA	40	UUGCUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUGAAG	15348
264	UUCAGGUU C ACAGCAAU	41	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA AACCUGAA	15349
273	ACAGCAAU U GCUCCGAC	42	GUCGGAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUGU	15350
277	CAAUUGCU C CGACCCGA	43	UCGGGUCG CUGAUGAG GCCGUUAGGC CGAA AGCAAUUG	15351
298	UGCUGGAU C GAUGGAGA	44	UCUCCAUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCA	15352
339	AAACACCU U CUGAGUUU	45	AAACUCAG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU	15353
340	AACACCUU C UGAGUUUU	46	AAAACUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU	15354
346	UUCUGAGU U UUAAGAAG	47	CUUCUUAA CUGAUGAG GCCGUUAGGC CGAA ACUCAGAA	15355
347	UCUGAGUU U UAAGAAGG	48	CCUUCUUA CUGAUGAG GCCGUUAGGC CGAA AACUCAGA	15356
348	CUGAGUUU U AAGAAGGA	49	UCCUUCUU CUGAUGAG GCCGUUAGGC CGAA AAACUCAG	15357
349	UGAGUUUU A AGAAGGAA	50	UUCCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAACUCA	15358
360	AAGGAACU A GGGACCUU	51	AAGGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUUCCUU	15359
368	AGGGACCU U GACCAGUG	52	CACUGGUC CUGAUGAG GCCGUUAGGC CGAA AGGUCCCU	15360
379	CCAGUGCU A UCAAUCGG	53	CCGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGCACUGG	15361
381	AGUGCUAU C AAUCGGCG	54	CGCCGAUU CUGAUGAG GCCGUUAGGC CGAA AUAGCACU	15362
395	CUAUCAAU C GGCGGAGC GCGGAGCU C AAAACAAA	55	GCUCCGCC CUGAUGAG GCCGUUAGGC CGAA AUUGAUAG	15363
429	ACCGGAAU U GCAGUCAU	56 57	UUUGUUUU CUGAUGAG GCCGUUAGGC CGAA AGCUCCGC	15364
435	AUUGCAGU C AUGAUUGG	58	AUGACUGC CUGAUGAG GCCGUUAGGC CGAA AUUCCGGU	15365
441	GUCAUGAU U GGCCUGAU	59	CCAAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15366
لــــــــــــــــــــــــــــــــــــــ			AUCAGGCC CUGAUGAG GCCGUUAGGC CGAA AUCAUGAC	15367

			Table III	
450	GGCCUGAU C GCCAGCGU	60	ACGCUGGC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCC	15368
459	GCCAGCGU A GGAGCAGU	61	ACUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACGCUGGC	15369
468	GGAGCAGU U ACCCUCUC	62	GAGAGGGU CUGAUGAG GCCGUUAGGC CGAA ACUGCUCC	15370
469	GAGCAGUU A CCCUCUCU	63	AGAGAGGG CUGAUGAG GCCGUUAGGC CGAA AACUGCUC	15371
474	GUUACCCU C UCUAACUU	64	AAGUUAGA CUGAUGAG GCCGUUAGGC CGAA AGGGUAAC	15372
476	UACCCUCU C UAACUUCC	65	GGAAGUUA CUGAUGAG GCCGUUAGGC CGAA AGAGGGUA	15373
478	CCCUCUCU A ACUUCCAA	66	UUGGAAGU CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG	15374
482	CUCUAACU U CCAAGGGA	67	UCCCUUGG CUGAUGAG GCCGUUAGGC CGAA AGUUAGAG	15375
483	UCUAACUU C CAAGGGAA	68	UUCCCUUG CUGAUGAG GCCGUUAGGC CGAA AAGUUAGA	15376
507	AUGACGGU A AAUGCUAC	69	GUAGCAUU CUGAUGAG GCCGUUAGGC CGAA ACCGUCAU	15377
514	UAAAUGCU A CUGACGUC	70	GACGUCAG CUGAUGAG GCCGUUAGGC CGAA AGCAUUUA	15378
522	ACUGACGU C ACAGAUGU	71	ACAUCUGU CUGAUGAG GCCGUUAGGC CGAA ACGUCAGU	15379
531	ACAGAUGU C AUCACGAU	72	AUCGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCUGU	15380
534	GAUGUCAU C ACGAUUCC	73	GGAAUCGU CUGAUGAG GCCGUUAGGC CGAA AUGACAUC	15381
540	AUCACGAU U CCAACAGC	74	GCUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUCGUGAU	15382
541	UCACGAUU C CAACAGCU	75	AGCUGUUG CUGAUGAG GCCGUUAGGC CGAA AAUCGUGA	15383
564	AAGAACCU A UGCAUUGU	76	ACAAUGCA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUU	15384
570	CUAUGCAU U GUCAGAGC	77	GCUCUGAC CUGAUGAG GCCGUUAGGC CGAA AUGCAUAG	15385
573	UGCAUUGU C AGAGCAAU	78	AUUGCUCU CUGAUGAG GCCGUUAGGC CGAA ACAAUGCA	15386
593	UGUGGGAU A CAUGUGCG	79	CGCACAUG CUGAUGAG GCCGUUAGGC CGAA AUCCCACA	15387
607	GCGAUGAU A CUAUCACU	80	AGUGAUAG CUGAUGAG GCCGUUAGGC CGAA AUCAUCGC	15388
610	AUGAUACU A UCACUUAU	81	AUAAGUGA CUGAUGAG GCCGUUAGGC CGAA AGUAUCAU	15389
612	GAUACUAU C ACUUAUGA	82	UCAUAAGU CUGAUGAG GCCGUUAGGC CGAA AUAGUAUC	15390
616	CUAUCACU U AUGAAUGC	83	GCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGUGAUAG	15391
617	UAUCACUU A UGAAUGCC	84	GGCAUUCA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUA	15392
635	AGUGCUGU C GGCUGGUA	85	UACCAGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCACU	15393
643	CGGCUGGU A AUGAUCCA	86	UGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCG	15394
649	GUAAUGAU C CAGAAGAC	87	GUCUUCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUAC	15395
660	GAAGACAU C GACUGUUG	88	CAACAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUUC	15396
667	UCGACUGU U GGUGCACA	89	UGUGCACC CUGAUGAG GCCGUUAGGC CGAA ACAGUCGA	15397
680	CACAAAGU C AGCAGUCU	90	AGACUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	15398
687	UCAGCAGU C UACGUCAG	91	CUGACGUA CUGAUGAG GCCGUUAGGC CGAA ACUGCUGA	15399
689	AGCAGUCU A CGUCAGGU	92	ACCUGACG CUGAUGAG GCCGUUAGGC CGAA AGACUGCU	15400
693	GUCUACGU C AGGUAUGG	93	CCAUACCU CUGAUGAG GCCGUUAGGC CGAA ACGUAGAC	15401
698	CGUCAGGU A UGGAAGAU	94	AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUGACG	15402
725	ACGCCACU C AAGACGCA	95	UGCGUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGGCGU	15403
736	GACGCAGU C GGAGGUCA	96	UGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGCGUC	15404
743	UCGGAGGU C ACUGACAG	97	CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA ACCUCCGA	15405
775	AAAGCACU C UAGCGAAC	98	GUUCGCUA CUGAUGAG GCCGUUAGGC CGAA AGUGCUUU	15406
777	AGCACUCU A GCGAACAA	99	UUGUUCGC CUGAUGAG GCCGUUAGGC CGAA AGAGUGCU	15407
796	AGGGGCU U GGAUGGAC	100	GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCCU	15408
824	CACAAGGU A UUUGGUAA	101	UUACCAAA CUGAUGAG GCCGUUAGGC CGAA ACCUUGUG	15409
826	CAAGGUAU U UGGUAAAA	102	UUUUACCA CUGAUGAG GCCGUUAGGC CGAA AUACCUUG	15410
827	AAGGUAUU U GGUAAAAA	103	UUUUUACC CUGAUGAG GCCGUUAGGC CGAA AAUACCUU	15411
831	UAUUUGGU A AAAACAGA	104	UCUGUUUU CUGAUGAG GCCGUUAGGC CGAA ACCAAAUA	15412
842	AACAGAAU C AUGGAUCU	105	AGAUCCAU CUGAUGAG GCCGUUAGGC CGAA AUUCUGUU	15413
849	UCAUGGAU C UUGAGGAA	106	UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAUGA	15414
866	AUGGAUCU U GAGGAACC	107	GGUUCCUC CUGAUGAG GCCGUUAGGC CGAA AGAUCCAU	15415
885	CCCUGGAU A UGCCCUGG	108	CCAGGGCA CUGAUGAG GCCGUUAGGC CGAA AUCCAGGG	15416
888	GCAGCCGU C AUUGGUUG	109	CAACCAAU CUGAUGAG GCCGUUAGGC CGAA ACGGCUGC	15417
892	GCCGUCAU U GGUUGGAU	110	AUCCAACC CUGAUGAG GCCGUUAGGC CGAA AUGACGGC	15418
900	UCAUUGGU U GGAUGCUU UGGAUGCU U GGGAGCAA	111	AAGCAUCC CUGAUGAG GCCGUUAGGC CGAA ACCAAUGA	15419
924	CAGAGAGU U GUGUUUGU	112	UUGCUCCC CUGAUGAG GCCGUUAGGC CGAA AGCAUCCA	15420
929	AGUUGUGU U UGUCGUGC	113	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA ACUCUCUG	15421
930	GUUGUGUU U GUCGUGCU	114	GCACGACA CUGAUGAG GCCGUUAGGC CGAA ACACAACU	15422
933	GUGUUUGU C GUGCUAUU	115	AGCACGAC CUGAUGAG GCCGUUAGGC CGAA AACACAAC	15423
939	GUCGUGCU A UUGCUUUU	116 117	AAUAGCAC CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	15424
941	CGUGCUAU U GCUUUUGG		AAAAGCAA CUGAUGAG GCCGUUAGGC CGAA AGCACGAC	15425
945	CUAUUGCU U UUGGUGGC	118	CCAAAAGC CUGAUGAG GCCGUUAGGC CGAA AUAGCACG	15426
946	UAUUGCUU U UGGUGGCC	120	GCCACCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAG	15427
947	AUUGCUUU U GGUGGCCC	121	GGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAGCAAUA	15428
961	CCCCAGCU U ACAGCUUC	122	GARGUEL GIGAUGAG GCCGUUAGGC CGAA AAAGCAAU	15429
			GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGGGG	15430

			Table III	
962	CCCAGCUU A CAGCUUCA	123	UGAAGCUG CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15431
968	UUACAGCU U CAACUGCC	124	GGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGCUGUAA	15432
969	UACAGCUU C AACUGCCU	125	AGGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGCUGUA	15433
978	AACUGCCU U GGAAUGAG	126	CUCAUUCC CUGAUGAG GCCGUUAGGC CGAA AGGCAGUU	15434
998	CAGAGACU U CUUGGAAG	127	CUUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG	15435
999	AGAGACUU C UUGGAAGG	128	CCUUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCUCU	15436
1001	AGACUUCU U GGAAGGAG	129	CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCU	15437
1013	AGGAGUGU C UGGAGCAA	130	UUGCUCCA CUGAUGAG GCCGUUAGGC CGAA ACACUCCU	15438
1033	GGGUGGAU U UGGUUCUC	131	GAGAACCA CUGAUGAG GCCGUUAGGC CGAA AUCCACCC	15439
1034	GGUGGAUU U GGUUCUCG	132	CGAGAACC CUGAUGAG GCCGUUAGGC CGAA AAUCCACC	15440
1038	GAUUUGGU U CUCGAAGG	133	CCUUCGAG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15441
1039	AUUUGGUU C UCGAAGGC	134	GCCUUCGA CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	15442
1041	UUGGUUCU C GAAGGCGA	135	UCGCCUUC CUGAUGAG GCCGUUAGGC CGAA AGAACCAA	15443
1063	GCGUGACU A UCAUGUCU	136	AGACAUGA CUGAUGAG GCCGUUAGGC CGAA AGUCACGC	15444
1065	GUGACUAU C AUGUCUAA	137	UUAGACAU CUGAUGAG GCCGUUAGGC CGAA AUAGUCAC	15445
1070	UAUCAUGU C UAAGGACA	138	UGUCCUUA CUGAUGAG GCCGUUAGGC CGAA ACAUGAUA	15446
1072	UCAUGUCU A AGGACAAG	139	CUUGUCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUGA	15447
1084	ACAAGCCU A CCAUCGAU	140	AUCGAUGG CUGAUGAG GCCGUUAGGC CGAA AGGCUUGU	15448
1089	CCUACCAU C GAUGUGAA	141	UUCACAUC CUGAUGAG GCCGUUAGGC CGAA AUGGUAGG	15449
1108	UGAUGAAU A UGGAGGCG	142	CGCCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAUCA	15450
1119	GAGGCGGU C AACCUGGC	143	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA ACCGCCUC	15451
1134	GCAGAGGU C CGCAGUUA	144	UAACUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUCUGC	15452
1141	UCCGCAGU U AUUGCUAU	145	AUAGCAAU CUGAUGAG GCCGUUAGGC CGAA ACUGCGGA	15453
1142	CCGCAGUU A UUGCUAUU	146	AAUAGCAA CUGAUGAG GCCGUUAGGC CGAA AACUGCGG	15454
1144	GCAGUUAU U GCUAUUUG	147	CAAAUAGC CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15455
1148	UUAUUGCU A UUUGGCUA	148	UAGCCAAA CUGAUGAG GCCGUUAGGC CGAA AGCAAUAA	15456
1150	AUUGCUAU U UGGCUACC	149	GGUAGCCA CUGAUGAG GCCGUUAGGC CGAA AUAGCAAU	15457
1151	UUGCUAUU U GGCUACCG	150	CGGUAGCC CUGAUGAG GCCGUUAGGC CGAA AAUAGCAA	15458
1156	AUUUGGCU A CCGUCAGC	151	GCUGACGG CUGAUGAG GCCGUUAGGC CGAA AGCCAAAU	15459
1161	GCUACCGU C AGCGAUCU	152	AGAUCGCU CUGAUGAG GCCGUUAGGC CGAA ACGGUAGC	15460
1168	UCAGCGAU C UCUCCACC	153	GGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGCUGA	15461
1170	AGCGAUCU C UCCACCAA	154	UUGGUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUCGCU	15462
1172	CGAUCUCU C CACCAAAG	155	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA AGAGAUCG	15463
1207	GAGAAGCU C ACAAUGAC	156	GUCAUUGU CUGAUGAG GCCGUUAGGC CGAA AGCUUCUC	15464
1234	ACCCAGCU U UUGUGUGC	157	GCACACAA CUGAUGAG GCCGUUAGGC CGAA AGCUGGGU	15465
1235	CCCAGCUU U UGUGUGCA	158	UGCACACA CUGAUGAG GCCGUUAGGC CGAA AAGCUGGG	15466
1236	CCAGCUUU U GUGUGCAG	159	CUGCACAC CUGAUGAG GCCGUUAGGC CGAA AAAGCUGG	15467
	UGCGGAU U AUUUGGCA UGCGGAUU A UUUGGCAA	160	UGCCAAAU CUGAUGAG GCCGUUAGGC CGAA AUCCGCAG	15468
1287	CGGAUUAU U UGGCAAAG	161	UUGCCAAA CUGAUGAG GCCGUUAGGC CGAA AAUCCGCA	15469
1290	GGAUUAUU U GGCAAAGG	162 163	CUUUGCCA CUGAUGAG GCCGUUAGGC CGAA AUAAUCCG	15470
1305	GGAAGCAU U GACACAUG	164	CCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AAUAAUCC	15471
1322	CGCCAAAU U UGCCUGCU	165	CAUGUGUC CUGAUGAG GCCGUUAGGC CGAA AUGCUUCC	15472
1323	GCCAAAUU U GCCUGCUC	166	AGCAGGCA CUGAUGAG GCCGUUAGGC CGAA AUUUGGCG GAGCAGGC CUGAUGAG GCCGUUAGGC CGAA AAUUUGGC	15473
1331	UGCCUGCU C UACCAAGG	167	CCUUGGUA CUGAUGAG GCCGUUAGGC CGAA AGUUUGGC CCUUGGUA CUGAUGAG GCCGUUAGGC CGAA AGCAGGCA	15474
1333	CCUGCUCU A CCAAGGCA	168		15475
1344	AAGGCAAU A GGAAGAAC	169	UGCCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGG GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU	15476
1356	AGAACCAU C UUGAAAGA	170	UCUUUCAA CUGAUGAG GCCGUUAGGC CGAA AUGGCUUCU	15477
1358	AACCAUCU U GAAAGAGA	171	UCUCUUUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGUUU UCUCUUUC CUGAUGAG GCCGUUAGGC CGAA AGAUGGUU	15478
1369	AAGAGAAU A UCAAGUAC	172	GUACUUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCUU	15479
1371	GAGAAUAU C AAGUACGA	173	UCGUACUU CUGAUGAG GCCGUUAGGC CGAA AUAUUCUC	15480
1376	UAUCAAGU A CGAAGUGG	174	CCACUUCG CUGAUGAG GCCGUUAGGC CGAA ADAUCCIC	15481
1389	GUGGCCAU U UUUGUCCA	175	UGGACAAA CUGAUGAG GCCGUUAGGC CGAA ACUUGAUA	15482
1390	UGGCCAUU U UUGUCCAU	176	AUGGACAA CUGAUGAG GCCGUUAGGC CGAA AUGGCCAC	15483
1391	GGCCAUUU U UGUCCAUG	177	CAUGGACA CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15484
1392	GCCAUUUU U GUCCAUGG	178	CCAUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAAUGGC	15485
1395	AUUUUUGU C CAUGGACC	179	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAU	15486
1408	GACCAACU A CUGUGGAG	180	CUCCACAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAU	15487
1418	UGUGGAGU C GCACGGAA	181	UUCCGUGC CUGAUGAG GCCGUUAGGC CGAA ACUCCACA	15488
1430	CGGAAACU A CUCCACAC	182	GUGUGGAG CUGAUGAG GCCGUUAGGC CGAA ACUCCACA GUGUGGAG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCG	15489 15490
1433	AAACUACU C CACACAGG	183	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA AGUAGUUU	15491
1443	ACACAGGU U GGAGCCAC	184	GUGGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCUGUGU	15492
1453	GAGCCACU C AGGCAGGG	185	CCCUGCCU CUGAUGAG GCCGUUAGGC CGAA ACCUGGCUC	15493

Table III

			Table III	
1466	AGGGAGAU U CAGCAUCA	186	UGAUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCU	15494
1467	GGGAGAUU C AGCAUCAC	187	GUGAUGCU CUGAUGAG GCCGUUAGGC CGAA AAUCUCCC	15495
1473	UUCAGCAU C ACUCCUGC	188	GCAGGAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUGAA	15496
1477	GCAUCACU C CUGCGGCG	189	CGCCGCAG CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC	15497
1489	CGGCGCCU U CAUACACA	190	UGUGUAUG CUGAUGAG GCCGUUAGGC CGAA AGGCGCCG	
1490	GGCGCCUU C AUACACAC	191	GUGUGUAU CUGAUGAG GCCGUUAGGC CGAA AAGGCGCC	15498
1493	GCCUUCAU A CACACUAA	192	UUAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAAGGC	15499
1500	UACACACU A AAGCUUGG	193		15500
1506	CUAAAGCU U GGAGAAUA	194		15501
1514	UGGAGAAU A UGGAGAGG	195		15502
1547	ACCACGGU C AGGGAUUG		CCUCUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCA	15503
1554		196	CAAUCCCU CUGAUGAG GCCGUUAGGC CGAA ACCGUGGU	15504
	UCAGGGAU U GACACCAA	197	UUGGUGUC CUGAUGAG GCCGUUAGGC CGAA AUCCCUGA	15505
1568	CAAUGCAU A CUACGUGA	198	UCACGUAG CUGAUGAG GCCGUUAGGC CGAA AUGCAUUG	15506
1571	UGCAUACU A CGUGAUGA	199	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGUAUGCA	15507
1584	AUGACUGU U GGAACAAA	200	UUUGUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGUCAU	15508
1598	AAAGACGU U CUUGGUCC	201	GGACCAAG CUGAUGAG GCCGUUAGGC CGAA ACGUCUUU	15509
1599	AAGACGUU C UUGGUCCA	202	UGGACCAA CUGAUGAG GCCGUUAGGC CGAA AACGUCUU	15510
1601	GACGUUCU U GGUCCAUC	203	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA AGAACGUC	15511
1605	UUCUUGGU C CAUCGUGA	204	UCACGAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAGAA	15512
1609	UGGUCCAU C GUGAGUGG	205	CCACUCAC CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	15513
1619	UGAGUGGU U CAUGGACC	206	GGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACCACUCA	15514
1620	GAGUGGUU C AUGGACCU	207	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA AACCACUC	15515
1629	AUGGACCU C AACCUCCC	208	GGGAGGUU CUGAUGAG GCCGUUAGGC CGAA AGGUCCAU	15516
1635	CUCAACCU C CCUUGGAG	209	CUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AGGUUGAG	15517
1639	ACCUCCCU U GGAGCAGU	210	ACUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGGAGGU	15518
1657	CUGGAAGU A CUGUGUGG	211	CCACACAG CUGAUGAG GCCGUUAGGC CGAA ACUUCCAG	+
1682	AGAGACGU U AAUGGAGU	212	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACGUCUCU	15519
1683	GAGACGUU A AUGGAGUU	213	AACUCCAU CUGAUGAG GCCGUUAGGC CGAA AACGUCUC	15520
1691	AAUGGAGU U UGAGGAAC	214	GUUCCUCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCAUU	15521
1692	AUGGAGUU U GAGGAACC	215		15522
1718	GAAGCAGU C UGUGAUAG	216		15523
1725	UCUGUGAU A GCAUUGGG	217		15524
1730	GAUAGCAU U GGGCUCAC	218	CCCAAUGC CUGAUGAG GCCGUUAGGC CGAA AUCACAGA	15525
1736	AUUGGGCU C ACAAGAGG	219	GUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUGCUAUC	15526
1750	AGGGAGCU C UGCAUCAA	220	CCUCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15527
1756	CUCUGCAU C AAGCUUUG		UUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AGCUCCCU	15528
1762	AUCAAGCU U UGGCUGGA	221	CAAAGCUU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAG	15529
1763	UCAAGCUU U GGCUGGAG	222	UCCAGCCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAU	15530
1776		223	CUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGA	15531
1777	GGAGCCAU U CCUGUGGA	224	UCCACAGG CUGAUGAG GCCGUUAGGC CGAA AUGGCUCC	15532
	GAGCCAUU C CUGUGGAA	225	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	15533
1787	UGUGGAAU U UUCAAGCA	226	UGCUUGAA CUGAUGAG GCCGUUAGGC CGAA AUUCCACA	15534
1788	GUGGAAUU U UCAAGCAA	227	UUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC	15535
1789	UGGAAUUU U CAAGCAAC	228	GUUGCUUG CUGAUGAG GCCGUUAGGC CGAA AAAUUCCA	15536
1790	GGAAUUUU C AAGCAACA	229	UGUUGCUU CUGAUGAG GCCGUUAGGC CGAA AAAAUUCC	15537
1803	AACACUGU C AAGUUGAC	230	GUCAACUU CUGAUGAG GCCGUUAGGC CGAA ACAGUGUU	15538
1808	UGUCAAGU U GACGUCGG	231	CCGACGUC CUGAUGAG GCCGUUAGGC CGAA ACUUGACA	15539
1814	GUUGACGU C GGGUCAUU	232	AAUGACCC CUGAUGAG GCCGUUAGGC CGAA ACGUCAAC	15540
1819	CGUCGGGU C AUUUGAAG	233	CUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ACCCGACG	15541
1822	CGGGUCAU U UGAAGUGU	234	ACACUUCA CUGAUGAG GCCGUUAGGC CGAA AUGACCCG	15542
1823	GGGUCAUU U GAAGUGUA	235	UACACUUC CUGAUGAG GCCGUUAGGC CGAA AAUGACCC	15543
1831	UGAAGUGU A GAGUGAAG	236	CUUCACUC CUGAUGAG GCCGUUAGGC CGAA ACACUUCA	15544
1850	GGAAAAAU U GCAGUUGA	237	UCAACUGC CUGAUGAG GCCGUUAGGC CGAA AUUUUUCC	15545
1856	AUUGCAGU U GAAGGGAA	238	UUCCCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCAAU	15546
1871	AACAACCU A UGGCGUCU	239	AGACGCCA CUGAUGAG GCCGUUAGGC CGAA AGGUUGUU	15547
1878	UAUGGCGU C UGUUCAAA	240	UUUGAACA CUGAUGAG GCCGUUAGGC CGAA ACGCCAUA	15548
1882	GCGUCUGU U CAAAGGCU	241	AGCCUUUG CUGAUGAG GCCGUUAGGC CGAA ACAGACGC	15549
1883	CGUCUGUU C AAAGGCUU	242	AAGOCUUU CUGAUGAG GCCGUUAGGC CGAA AACAGACG	15550
1891	CAAAGGCU U UCAAGUUU	243	AAACUUGA CUGAUGAG GCCGUUAGGC CGAA AGCCUUUG	15551
1892	AAAGGCUU U CAAGUUUC	244	GAAACUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCUUU	15552
1893	AAGGCUUU C AAGUUUCU	245	AGAAACUU CUGAUGAG GCCGUUAGGC CGAA AAAGCCUUU	
1898	UUUCAAGU U UCUUGGGA	246	UCCCAAGA CUGAUGAG GCCGUUAGGC CGAA ACUUGAAA	15553
1899	UUCAAGUU U CUUGGGAC	247	GUCCCAAG CUGAUGAG GCCGUUAGGC CGAA ACUUGAA	15554
1900	UCAAGUUU C UUGGGACU	248	AGUCCAA CUGAUGAG GCCGUUAGGC CGAA AACUUGA	15555
				15556

1909   MAGRUUCU U GOGACUC				Table III	
1999	1902	AAGUUUCU U GGGACUCC	249	GGAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGAAACITI	115557
1994   ACACAGGU C ACGGCACU   251   AGUCCCUI CUGAUGAG GCCQUURAGC CORA ACCURCUI   15559   1946   GUUGGAUG C CUGAUGAG C CUCAUGAG C CORA ACCCACA   15551   1948   GUUGGAUG U COLORIGAG GCCQUURAGC CORA ACCCACA   15551   1952   AUGUCAGU C CUGAUGAG GCCQUURAGC CORA ACUCACAC   15551   1952   AUGUCAGU C CUGAUGAG GCCQUURAGC CORA ACUCACAC   15551   1952   AUGUCAGU C CUGAUGAG GCCQUURAGC CORA ACUCACAC   15551   1959   UGACAGU C CUGAUGAG GCCQUURAGC CORA ACUCACAC   15551   1959   UGACAGU C CUGAUGAG GCCQUURAGC CORA ACUCACAC   15551   1959   UGACAGU C CUGAUGAG GCCQUURAGC CORA ACUURAC   15551   1959   UGACAGU C CUGAUGAG GCCQUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCQUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCQUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCQUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCCUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCCUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCCUURAGC CORA ACUURAC   15551   1959   CACAGU C CACAGU C CUGAUGAG GCCCC   15551   1959	1909	UUGGGACU C CCGCAGAC	250		
1946   USUGAGUEU U GANAUUGC   252   GCAAUUCC CUGAUGAG   GCGAUURAGC   CGAA ACICACACA   15560   19542   AUUGCAGU A CACUGGCA   254   UGCAGUG CUGAUGAG   GCGAUURAGC   GGAA ACUCCAAU   15562   19523   AUUGCAGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCAAU   15562   19593   AUUGCAGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCAAU   15562   19593   AUUGCAGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCAAU   15563   19593   GCCAAGGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCACAU   15563   19593   GCCAAGGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCACAU   15554   19594   CACAGGU   CUGAUGAG   GCCAUURAGG   CGAA ACUCCACAU   15554   19594   AAGUGUCCU   AUUCCACCA   256   GAAGAUGA   GCCAUURAGG   CGAA ACUCCACAU   15566   19594   AAGUGUCCU   AUUCCACCACA   256   GAAGAUGA   GCCAUURAGG   CGAA ACUCCACAU   15567	1924	ACACAGGU C ACGGCACU	251		
1995	1940	UGUGGUGU U GGAAUUGC	252		<del></del>
1992   AUUGCAGU I CACUGACA   254   USCCAGUG CUGAUGAG COGUNAGO COAN AGUICACU   15561   1980   UGCANAGU I UCUAUCCG   256   GAGAIRAGU CUGAUGAG GOCGULAGO COAN AGUICACU   15551   1981   GACAAGU I UCUAUCCG   257   CAGAAGU CUGAUGAG GOCGULAGO COAN AGUICACU   15556   1984   AAGUICACU A UCUCGUCA   258   UGCACAGA CUGAUGAG GOCGULAGO COAN AGUICACU   15566   1984   AAGUICACU A UCUCGUCA   258   UGCACAGA CUGAUGAG GOCGULAGO COAN AGUICACU   15566   1986   GUICUCAR   1000   260   AAGUICACU CUGAUGAG GOCGULAGO COAN AGUICACU   15567   1588   UCCURACU CUGAUGAG GOCGULAGO COAN AGUICACU   15567   1588   UCCURACU CUGAUGAG GOCGULAGO COAN AGUICACU   15567   1599   URUCCUCU CUGAUGAG GOCGULAGO COAN AGUICACU   15571   1599   CAGUGAGU CUGAUGAG GOCGULAGO COAN AGUICACU   15571   1599   CAGUGAGU CUGAUGAG GOCGULAGO COAN AGUICACU   15571   1590	1946	GUUGGAAU U GCAGUACA	253		<del></del>
1992   AUGARCEU U GCAAAGUU   255   AACUURGC CUGAURAG COGGUURAGE COAA ACUURGC   15564   1981   GCAAAGUU C CUAUCUCG   257   CCAGAUAG CUGAURAG COGGUURAGE COGA ACUURGC   15564   1984   AAGUUCGU A LUCICOGO   257   CCAGAUAG CUGAURAG GCGUURAGE COAA ACUURGC   15564   1984   AAGUUCGU A LUCICOGO   259   CACACGAC CUGAURAG GCGUURAGE COAA ACUURGC   15565   1988   GUCCURU C UCUCAURG   259   CACACGAC CUGAURAG GCGUURAGE COAA AGAGACAU   15565   1981   UAUCUCGU C CAGAURAG CUGAURAG GCCGUURAGE COAA AGAGACAU   15565   1991   UAUCUCGU C AGUGGCU   261   AAGCCACU CUGAURAG GCCGUURAGE COAA AGCCACU   15565   1999   CAGUURAG CAGA AGUGGCU   261   AAGCCACU CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AGUGGCU   261   AAGCCACU CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AGUGGCU C CAGAURAG CAGAURAG   265   CACCACGA CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C ACUCACAC   264   GGUCGUUC CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C ACCCCACU   265   ACUGGCCO CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AACCCACU   2660   AAGUGGCU C CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AACCCACU   2660   AAGUGGCU C CUGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AACCCACU   2660   AAGUGGCU C CACCACUA   ACCCACU C CAGAURAG GCCGUURAGE COAA AGCCACU   15570   2600   AGUGGCU C AACCCACU C CACCACUA   AAGUGGU C CACCACUA   AAGUG	1952	AUUGCAGU A CACUGGCA	254		<del></del>
1981   UGCANAGU U CUMUUCO   256	1972	AUGGACCU U GCAAAGUU	255		<del></del>
1981   GCANASHU C CUAUCUGG   257   COARAMAR CURAURAR GCCGUURAGC COAR ARGACUTUGC   15565   1586   GUUCCUAU C UGUUCAGU   259   ACUGACCA CUGAURAG CUCSULRAGC COAR ARGACUTUGC   15565   1586   GUUCCUAU C UGUUCAGU   259   ACUGACCA CUGAURAG CUGAURAG COCCUURAGC   15565   1591   UAUCUGGI C AGRIGACTU   251   AAGCCACU CURURAG COCCUURAGC   COAR AGRICAGU   15565   1599   CAGRIGAGC   CUGAURAG CUGAURAG   COCCUURAGC   COAR AGRICAGU   15565   1599   CAGRIGAGU   251   AAGCCACU CURURAG   GCCUURAGC   COAR AGRICAGU   15572   1599   CAGRIGAGU   CARURAGC   CUGAURAG   GCCUURAGC   COAR AGRICAGU   15572   1599   CAGRIGAGU   CARURAGC   CUGAURAG   GCCUURAGC   COAR AGRICAGU   15573   1591   CARURAGCAC   CAGRIGACC   CAGRIGACCC   CAG	1980	UGCAAAGU U CCUAUCUC	256		<del></del>
1984   AAGUUCCUA U CUCCUACU   258   UGACCAGA CUGAUGAG COCCUUAGGC COAA AUGGAACU   15567   1988   UCCUATUCU C GUCAGUGG   260   CCACUGAC CUGAUGAG GCCCUUAGGC COAA AUGGAAC   15567   1991   UAUCCUGA C CUAUGAC   261   AAGCCACU CUGAUGAG GCCCUUAGGC COAA AUGGAAC   15576   1991   CAUGUCGA C CAUGUAACC   262   GUUCAAUG CUGAUGAG GCCCUUAGGC COAA ACGAGAGA   15568   2600	1981	GCAAAGUU C CUAUCUCG	257		
1986   GUUCCUAU C UGUCAGUG   259   ACUGACCA CUGAUGAG GCCGUUAGGC GGAA ARIAGGAC   15567   1991   UAUCUCGU C AGUGACUU   261   AAGCCACU CUGAUGAG GCCGUUAGGC GGAA ARIAGGAC   15567   1999   CAQUGAGUU   261   AAGCCACU CUGAUGAG GCCGUUAGGC GGAA ARIAGGAC   15567   1999   CAQUGAGUU C AUUGAAC   262   GUUCCAAU CUGAUGAG GCCGUUAGGC GGAA ARIACGACU   15570   2000   AGUGACUU C AUUGAAC   263   GUUCCAAU CUGAUGAG GCCGUUAGGC GGAA ACACCACU   15571   2003   GGCGUUCAGU C AAACACACU   2657   ACUGACUC CUGAUGAG GCCGUUAGGC GGAA ACACCACU   15571   2013   AACGACCU A ACGCCACU   2656   ACUGACCU CUGAUGAG GCCGUUAGGC GGAA ACACCACU   15572   2013   AACGACCU A ACCCCUUU   265   ACUGACCC CUGAUGAG GCCGUUAGGC GGAA ACACCACUU   15572   2014   GUCACUGU C AAACACCU C ACACCUU   268   AAAGGGUU CUGAUGAG GCCGUUAGGC GGAA ACACAUCU   15572   2014   GUCACCGU U UGUGUCA   269   UAAAACAA CUGAUGAG GCCGUUAGGC GGAA ACACAUCU   15572   2014   GUCACCGU U UGUGUCA   269   UAAAACA CUGAUGAG GCCGUUAGGC GGAA ACACAUCU   15572   2014   CAAACCCUU U UGUUCAA   270   CUGAAACA CUGAUGAG GCCGUUAGGC GGAA ACAGGUGA   15577   2014   CAACCCUU U UGUUCAA   270   CUGAAACA CUGAUGAG GCCGUUAGGC GGAA ACAGGUGA   15577   2014   CAACCCUU U UGUUCAA   271   ACUGAACA CUGAUGAG GCCGUUAGGC GGAA ACAGGUGA   15572   2014   CAACCCUU U UGUUCAA   272   CACCACACCU CUGAUGAG GCCGUUAGGC GGAA ACAGGUGA   15572   2014   CACCACCUU U UGUUCAA   271   ACUGAACA CUGAUGAG GCCGUUAGGC GGAA ACAGGUGA   15572   2014   CACACCCUU U UGUUCAA   272   GCCACCUGA CUGAUGAG GCCGUUAGGC GGAA ACAAGGG   15572   2014   CACACCGUU U UGUUCAAU   271   ACUGAAC CUGAUGAG GCCGUUAGGC GGAA ACAAGAGG   15572   2014   CACACCGUU U UGUUCAAU   271   ACUGAAC CUGAUGAG GCCGUUAGGC GGAA ACAAGAGG   15572   2014   CACACCGUU U UGUCAAU   271   ACUGAAC CUGAUGAG GCCGUUAGGC GGAA ACAAGAGG   15572   GCCACCGUGA CUGAUGAG GCCGUUAGGC GGAA ACAAGAGG   15572   2014   CACACCGUU U UACAGGCC   272   GCCACCGUG CUGAUGAG GCCGUUAGGC GGAA ACAAGAGG   15572   2014   CACACCGUU U UACAGGCC   272   GCCACCGUG CUGAUGAG GCCGUUAGGC GGAA ACACAGGC   272   GCCACCGUG CUGAUGAG GCCGUUAGGC GGAA ACACAGGC   272	1984	AAGUUCCU A UCUCGUCA	258	UGACGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAACUU	
1991	1986	GUUCCUAU C UCGUCAGU	259		
1999	1988	UCCUAUCU C GUCAGUGG	260	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA AGAUAGGA	
2000   AGUGGCUU C AUTGAACC   264   GGUCUNE CUGAUGAG GCCGULAGGC COAA AUGACCCCU 15571	1991	UAUCUCGU C AGUGGCUU	261	AAGCCACU CUGAUGAG GCCGUUAGGC CGAA ACGAGAUA	15569
2013   GGCUICAD U GANCACC   264   GGUCGUU CUGAUGAG   GCCGUIVAGG   CGAN ARCECALU   2557.2   2013   AACGACCU A ACGCCAGU   255   ACUGGCGU CUGAUGAG   GCCGUIVAGG   CGAN ARCECALU   15573   2024   GGCAGAGU U GGUCACG   266   CAGUGACC CUGAUGAG   GCCGUIVAGG   CGAN ARCECACU   15574   2024   GGCACGUU C ACCCUUU   268   AAAGGGUU CUGAUGAG   GCCGUIVAGG   CGAN ARCECACU   15575   2047   UCAACCCU U UUGUUUCA   269   AAGGGUU CUGAUGAG   GCCGUIVAGG   CGAN ARCGAGUC   15577   2048   CAACCCUU U UUGUUUCA   269   UCAAACCA CUGAUGAG   GCCGUIVAGG   CGAN ARCGAGG   15576   2049   AACCCUUU U GUUUCAG   270   CUGAAACA CUGAUGAG   GCCGUIVAGG   CGAN ARGGGUA   15577   2049   AACCCUUU U GUUUCAG   271   ACUGAACA CUGAUGAG   GCCGUIVAGG   CGAN ARAGGGUA   15577   2052   CCUUUUGUU U CAGUGC   272   GCCACUGA   CUGAUGAG   GCCGUIVAGG   CGAN ARAGGGU   15578   2053   CUUUUGUU U CAGUGC   273   GCCACUG   CUGAUGAG   GCCGUIVAGG   CGAN ARAGGGU   15578   2074   CAAAGCU   AGUGCCC   273   GCCACUG   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2054   UUUUGUU C   AGUGCCC   273   GCCACUG   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2054   UUUUGUU C   AGUGCCC   274   UGGCCACU   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2054   UUUUGUU C   AGUGCCC   275   CGCACUG   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2054   UUUUGUU C   AGUGCCC   275   UCCAAUCA   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2056   GUUUGAGU   CUGAUGAG   275   CAGAUCC   UCAAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2079   GCUAAGGU   CAAAUGAGG   277   UCCAAUUC   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   15881   2085   GUCCUGAU   GAAAUGAG   277   UCCAAUUC   CUGAUGAG   GCCGUIVAGG   CGAN ARACAAN   2085   GUCCUGAU   GAAACCAC   278   GUGGUUC   CUGAUGAG   GCCGUIVAGG   CGAN AUCAGGU   15887   2079   GCUAAGGU   CAAAGGAC   280   GUGGUUC   CUGAUGAG   GCCGUIVAGG   CGAN AUCAGG   2103   CCACCCU   UGGAAGCC   280   GUGGUUC   CUGAUGAG   GCCGUIVAGG   CGAN AUCAGG   2104   ACCACCCU   UGGAAGCC   280   GUGGUUC   CUGAUGAG   GCCGUIVAGG   CGAN AUCAGG   2114   AGACCAU   CAACAGG   281   CUAUCAG   CUGAUGAG   CCGUIVAGG	1999	CAGUGGCU U CAUUGAAC	262	GUUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGCCACUG	15570
2013   AACGACCU A ACCICCAGU   265   ACUGGCGU CUGAUGAG GCCGULAGGC CGAA ACUCUGCU	2000	AGUGGCUU C AUUGAACG	263	CGUUCAAU CUGAUGAG GCCGUUAGGC CGAA AAGCCACU	15571
2030   GGCCAGAD U GGUCACUG   266   CAGUGACC CUGAUGAG GCCGULAGGC CGAA ACCUDICCC   15574		GGCUUCAU U GAACGACC	264	GGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUGAAGCC	15572
2014   AGAIUGGÜ C ACUGUCAA   267			265		15573
2040			266		15574
1947			267		15575
2048			<del></del>		15576
2049   AACCCUUU U GUUUCAGU   271   ACUGARAC CUGAUGAG CCGUUAGC CGAA AAAGGGUU   15579   2052   CCUUUUGUU U CAGUGGC   272   GCCACUG CUGAUGAG CCGGUUAGGC CGAA ACAAAAGG   15581   2054   CUUUUGUU U CAGUGGCC   273   GCCACUG CUGAUGAG   CCGGUUAGGC CGAA ACAAAAGG   15581   2054   CUUUUGUU U CAGUGGCC   274   UGGCCACU CUGAUGAG   CCGGUUAGGC CGAA ACACAAAG   15581   2054   CUUUUGUU U CAGUGGCCA   274   UGGCCACU CUGAUGAG   CCGGUUAGGC CGAA AAACAAAA   15582   2074   CCCAACGCU A AGGUCCUG   275   CAGGACCU CUGAUGAG   CCCGUUAGGC CGAA AAACAAAA   15582   2079   GCUAAGGU C CUGAUGAG   CCGGUUAGGC CGAA ACACAAA   15582   2079   GCUAAGGU C CUGAUGAG   CCGGUUAGGC CGAA ACCUUAGC   15584   2085   GUCCUGAU U GAAUGAG   277   UCCAAUUC CUGAUGAG   CCCGUUAGGC CGAA ACCUUAGC   15584   2090   GAUUGAAU G GAACACC   278   GUGGUUCC CUGAUGAG   CCCGUUAGGC CGAA AUCAACCC   15582   2090   CAGUUCACU U GGAGACUC   280   GAGUUCCC CUGAUGAG   CCCGUUAGGC CGAA AUCAACCC   15582   2110   CAGACCAC CUU U GGAGACUC   280   GAGUUCCC CUGAUGAG   CCCGUUAGGC CGAA AUGAGCC   15587   2111   UGGAGACU C AUACAUGA   281   CUAUGUAU CUGAUGAG   CCCGUUAGGC CGAA AUGAGCC   15582   2114   AGACUCAU A CAUACUGG   281   CUAUGUAU CUGAUGAG   CCCGUUAGGC CGAA AUGAGCC   15582   2118   UCAUACAU A CAUACUGG   283   CCCACUAUG CUGAUGAG   CCCGUUAGGC CGAA AUGAGUCC   15589   2118   UCAUACAU A CUAUGAGG   283   CCCACUAUG CUGAUGAG   CCCGUUAGGC CGAA AUGAGUCC   15590   2149   AGAUCACA   284   UGGUGAU CUGAUGAG   CCCGUUAGGC CGAA AUGAGCU   15591   2145   CAACAGAU C AUCACCA   284   UGGUGAU CUGAUGAG   CCCGUUAGGC CGAA AUGAGUCU   15592   2149   AGAUCACCA   284   UGGUGAU CUGAUGAG   CCCGUUAGGC CGAA AUGAGCU   15592   2149   AGAUCACCA   286   CUUCUCC   CUGAUGAG   CCCGUUAGGC CGAA AUGAUCC   15592   2155   AUCACACA   0 GCACAAGG   286   CUUCUCC   CUGAUGAG   CCCGUUAGGC CGAA AUGAUCC   15592   2159   AUCACACU U GCCACAGC   286   CUUCUCC   CUGAUGAG   CCCGUUAGGC CGAA AUGAUCC   15592   2159   AUCACACU U GCCACAGC   287   CUCCACU CUGAUGAG   CCCGUUAGGC CGAA AUGACCU   15592   2159   ACCACCU U U ACAACCA   289   GUCUCUC UCGAUGAG   CCCGUUAGGC CGA			<del> </del>		15577
2052   CCUUUUGU U UAGUGGC   272   GCCACUGA CUGAUGAG   GCCGUUAGGC   CGAA ACAAAAGG   15580			+		15578
2053			-		15579
2054   UUUUGUUU C AGUGGCCA   274			<del></del>		15580
2074   CCAACGCU A AGGUCCUG   275			<del></del>		15581
2079   GCUAAGGU C CUGAUUGA   276			<del> </del>		15582
2085   GUCCUGAU U GAAUUGGA   277   UCCAAUUC CUGAUGAG GCCGUUAGGC   CGAA AUCAGGAC   15585   2090   GAUUGAAU U GGAACCAC   278   GUGGUUCC CUGAUGAG GCCGUUAGGC   CGAA AUGAGGAC   15586   2102   ACCACCCU U U GGAGGACU   280   GAGUCUCC CUGAUGAG GCCGUUAGGC   CGAA AGGGUGGU   15587   2113   CCACCCCU U U GGAGGACU   280   GAGUCUCC CUGAUGAG GCCGUUAGGC   CGAA AGGGUGGU   15588   2114   UGGAGACU C AUACAUGA   281   CUAUGUAU CUGAUGAG GCCGUUAGGC   CGAA AGGGUGG   15588   2114   AGACUCAU A CAUAGUGG   282   CCACUAUG CUGAUGAG GCCGUUAGGC   CGAA AGGGUGG   15589   2114   AGACUCAU A CAUAGUGG   282   CCACUAUG CUGAUGAG GCCGUUAGGC   CGAA AUGAGUCU   15589   2114   AGACUCAU A CAUAGGG   283   CCCACCAC CUGAUGAG GCCGUUAGGC   CGAA AUGAGUCU   15591   2145   CAACAGGAU C AAUCACCA   284   UGGUGAU   CUGAUGAG GCCGUUAGGC   CGAA AUGAUGAG   15592   2146   CAACAGGAU C ACACUUGG   285   CCCAUGGU   CUGAUGAG GCCGUUAGGC   CGAA AUGAUGAG   15592   2147   AGAUCAAU C ACCAUUGG   285   CCAAUGGU   CUGAUGAG GCCGUUAGGC   CGAA AUGAUGAU   15592   2155   AUCACCAU U   GGCACAAG   286   CUUUUGCC   CUGAUGAG   GCCGUUAGGC   CGAA AUGAUGAU   15594   2165   GCACAAGU U   GGCAAAGC   288   GCUUUGCC   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15596   2178   AGCAGCGAU U   GGCAAAGC   288   GCUUUGCC   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15595   2189   CAAAGCCUU U   ACAACCAC   289   UGGUUGUA   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15597   2190   AAAGCCUU U   ACAACCAC   289   UGGUUGUA   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15597   2191   AAAGCCUU U   ACAACCAC   289   UGGUUGUA   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15597   2191   AAAGCCUU U   ACAACCAC   289   GUGGUUGUA   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15597   2191   AAAGCCUU U   ACAACCAC   291   GGUGGUU   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15597   2192   ACCACCCU C   AAAGGAGC   292   GCUCCUU   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15598   2220   ACCACCCU C   AAAGGAGC   293   AGACCGU   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUGCU   15601   2221   ACCACCCU C   AAAGGAGC   294   GCUCCUC   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUCC			<del></del>		15583
2090   GAUUGAAU U GGAACCAC   278   GUGGUUCC CUGAUGAG GCCGUUAGGC CGAA AUCAGACA   15586   2102   ACCACCCU U UGGAGACU   279   AGUCUCCA CUGAUGAG GCCGUUAGGC CGAA AUGAGGUG   15587   2103   CCACCCUU U GGAGACUC   280   GAGUUCC CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU   15587   2111   UGGAGACU C AUACADA   281   CUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGGGUGG   15589   2111   UGGAGACU C AUACADA   281   CUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AUGACUCCA   15589   2114   AGACUCAU A CAUAGUGG   282   CCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU   15590   2118   UCAUACAU A CAUAGUGG   283   CCCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU   15590   2145   CAACAGAU C AAUCACCA   284   UGGUGAUU CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU   15592   2149   AGAUCAU C ACCAUGG   285   CCCACGAC CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU   15592   2149   AGAUCAU C ACCAUGG   285   CCCAUGGU CUGAUGAG GCCGUUAGGC CGAA AUGAGUCU   15593   2155   AUCACCAU U GGCACAAG   286   CUUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGGUGAU   15591   2155   AUCACCAU U GGCACAAG   287   UGCUUCCA CUGAUGAG GCCGUUAGGC CGAA AUGGUGAU   15592   2178   AGCAGCAU U GGCAAAGC   288   GCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU   15595   2189   CAAAGCCUU U ACAACCA   289   UGGUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU   15597   2190   AAAGCCUU U ACAACCA   289   UGGUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU   15597   2191   AAGCCUU U A CAACCAC   289   UGGUUGUC CUGAUGAG GCCGUUAGGC CGAA AGGCUUU   15599   2200   ACCACCCU C AAAGGAC   289   UGGUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCUUU   15599   2200   ACACCCCU C AAAGGAC   291   GUGGUUGU CUGAUGAG GCCGUUAGGC CGAA AGGCUUU   15599   2200   ACACCCCU C AAAGGAC   292   GUGCUCUU CUGAUGAG GCCGUUAGGC CGAA AGGCUUU   15599   2200   ACAGCAC   4000   40					15584
2102   ACCACCCU U UGGGAGACU   279   AGUCUCCA CUGAUGAG   GCGGUUAGGC   CGAA AGGGUGGU   15588			<del> </del>		<del>-}</del>
2103					-
2111	J		<del></del>		
2114   AGACUCAU A CAUAGUGG   282   CCACUAUG CUGAUGAG   GCCGUUAGGC   CGAA AUGAGUCU   15590					<del></del>
2118         UCADACNU A GUGGUGGG         283         CCCACCAC CUGAUGAG         CCADUAGGC         CGAA AUGACCA         2145         CAACAGAU C AUCACCA         284         UGGUGAUU CUGAUGAG         GCGUUAGGC         CGAA AUGUGUUG         15592           2149         AGAUCANU C ACCAUUGG         285         CCAAUGGU CUGAUGAG         GCGGUUAGGC         CGAA AUGUGUUC         15593           2155         AUCACCAU U GGCACAG         286         CUUGUGCC CUGAUGAG         GCGGUUAGGC         CGAA AUGUGUAU         15594           2165         GCACAAGU U GGCAAAGC         288         GCUUUGCA CUGAUGAG         GCAGUUAGGC         CGAA AUGUGUC         15595           2178         AGCACAU U GCAAACC         289         UGGUUGUA CUGAUGAG         GCAA AUGCUGU         15596           2189         CAAAGCCU U U ACAACCA         289         UGGUUGUA CUGAUGAG         GCCGUUAGGC         CGAA AAGGCUUU         15597           2191         AAGCCUU U ACAACCAC         299         GUGGUUGU CUGAUGAG         GCCGUUAGGC         CGAA AAGGCUUU         15598           2191         AAGCCCUU A CAAACCAC         291         GUGGUUGU CUGAUGAG         GCCGUUAGGC         CGAA AAGGCUU         15599           2192         ACCACCCU C AAAGGAC         292         GCUCCUU CUGAUGAG         GCCGUUAGGC         CGAA AGGCGUU					<del></del>
2145         CAACAGAU C ANUCACCA         284         UGGUGATU CUGAUGAG GCCGUNAGG GCAA AUGUAUGU 15592           2149         AGAUCAAU C ACCAUUGG 285         CCAAUGGU CUGAUGAG GCCGUNAGGC CGAA AUGAUCU 15593           2155         AUCACCAU U GGCACAAG 286         CUUGUGC CUGAUGAG GCCGUNAGGC CGAA AUGGUGAU 15594           2155         AGCACAGU C UGGAAGCA 287         UGCUUCCA CUGAUGAG GCCGUNAGGC CGAA AUGGUGAU 15594           2178         AGCACAGU U GCCAAAGC 288         GCUUUGCC CUGAUGAG GCCGUNAGGC CGAA AUGCUGCU 15595           2189         CAAAGCCU U UACAACCA 289         UGGUUGUA CUGAUGAG GCCGUNAGGC CGAA AUGCUGU 15595           2190         AAAGCCUU U ACAACCAC 290         GUGGUUGU CUGAUGAG GCCGUNAGGC CGAA AAGGCUU 15599           2191         AAGCCUU A CAACCAC 291         GUGGUUG CUGAUGAG GCCGUNAGGC CGAA AAGGCUU 15599           2202         ACCACCC C AAACGAC 299         GGUGCUU CUGAUGAG GCCGUNAGGC CGAA AGGCUU 15599           2220         CAGAGAGU A GCCGCUCU 293         AGAGCGGC CUGAUGAG GCCGUNAGGC CGAA AGGCGU 15600           2227         UAGCCGCU C UAGGAGAC 294         GUCUCCUA CUGAUGAG GCCGUNAGGC CGAA AGCCGCU 15601           2227         UAGCAGCU U GGAACUU 296         AAAGUCCC CUGAUGAG GCCGUNAGGC CGAA AGCCGCU 15602           2249         UUGGACU U GGACCAU 295         GUGUCCCU CUGAUGAG GCCGUNAGGC CGAA AGCCGCU 15603           2240         UUGGACU U GGACGAU 298         ACUGAUGAG GCCGUNAGGC CGAA AGCCCU 15603					
2149   AGAUCAAU C ACCAUUGG   285   CCAAUGGU CUGAUGAG   GCCGUUAGGC   CGAA AUUGAUCU   15593   2155   AUCACCAU U GGCACAAG   286   CUUGUIGC CUGAUGAG   GCCGUUAGGC   CGAA AUUGAUCU   15594   2165   GCACAAGU C UGGAAGCA   287   UGCUUCCA CUGAUGAG   GCCGUUAGGC   CGAA AUUGAUCU   15595   2178   AGCAGCAU U GGCACAAG   288   GCUUUGCC   CUGAUGAG   GCCGUUAGGC   CGAA AUUGAUCU   15595   2189   CAAAGCCU U UACAACCA   289   UGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA AUGCUUCU   15595   2190   AAAGCCUU U ACAACCA   290   GUGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA AAGCUUU   15598   2191   AAGCCUU U ACAACCAC   291   GGUGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA AAGCUUU   15598   2191   AAGCCUU U ACAACCAC   291   GGUGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA AAGGCUUU   15598   2220   ACCACCCU C   AAAGGAGC   292   GCUCCUUU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGGCUU   15590   2221   UAGCCGCU C   AAAGGAGC   292   GCUCCUUU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGGCUUU   15600   2222   GCCGCUCU   AGAGACAC   293   AAAGCCGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGGCGCU   15601   2223   GCCGCUCU   AGAGACAC   295   GUGUCCUU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCCGCU   15602   2224   ACACACACU   GGAGACAC   295   GUGUCCCC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCCGCU   15602   2224   ACACACACU   GGAGACAC   295   GUGUCCCC   CUGAUGAG   GCCGUUAGGC   CGAA   AGCCGCU   15604   22249   UUGGGACU   UGGAUCAG   297   CUGAUCCA   CUGAUGAG   GCCGUUAGGC   CGAA   AGCCCCCA   15604   22250   UGGGACUU   UGGAUCAG   297   CUGAUCCA   CUGAUGAG   GCCGUUAGGC   CGAA   AGCCCCA   15606   22251   CUUUGAU   CACCUCAG   300   ACCCCCC   CUGAUGAG   GCCGUUAGGC   CGAA   AGCCCCCA   15606   22252   CUUUGAU   CACCUCAG   301   CUGAGGU   CUGAUGAG   GCCGUUAGGC   CGAA   AGCCCCA   15609   2271   GGGGUGU   CACCUCAG   302   ACUGAGG   CUGAUGAG   GCCGUUAGGC   CGAA   ACCCCCC   15609   2271   GGGGUGU   CACCUCAG   302   ACUGAGG   CUGAUGAG   GCCGUUAGGC   CGAA   ACCCCCC   15609   2271   GGGGUGU   CACCUCAG   302   ACUGAGG   CUGAUGAG   GCCGUUAGGC   CGAA   ACCCCCC   15609   2271   GGGGUGU   CACCUCAG   304   ACUGAGG   GCCGUUAGGC   CGAA					
2155	2149				
2165         GCACAAGU C UGGAAGCA         287         UGCUUCCA CUGAUGAG GCCGUUAGGC CGAA ACUUGUGC         15595           2178         AGCAGCAU U GCCAAAGC         288         GCUUUGCC CUGAUGAG GCCGUUAGGC CGAA AUGCUGCU         15596           2189         CAAAGCCU U UACAACCA         289         UGGUUGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUUGU         15597           2190         AAAGCCUU U ACAACCAC         290         GUGGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU         15598           2191         AAGCCUUU A CAACCAC         291         GGUGGUUG CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU         15599           2202         ACCACCCU C AAAGGAGC         292         GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA AAGGCUGU         15600           2220         CAGAGACU A GCGCUCU         293         AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGGCGCUA         15601           2221         UAGCAGCU C UAGGAGAC         294         GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCUCUGU         15601           2222         GCCGCUCU A GGAGACAC         295         GUGUCCCU CUGAUGAG GCCGUUAGGC CGAA AGCUCUGU         15602           22242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15604           2242         ACCAGGCU U UGGGAC         297         CUGAUCAC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2255         CU	2155				
2178         AGCAGCAU U GGCAAAGC         288         GCUUUGCC         CUGAUGAG         GCCGUUAGGC         CGAA AUGCUGCU         15596           2189         CAAAGCCU U UACAACCAC         289         UGGUUGU CUGAUGAG         GCCGUUAGGC         CGAA AGGCUUU         15597           2190         AAAGCCUU U ACAACCAC         290         GUGGUUGU CUGAUGAG         GCCGUUAGGC         CGAA AAAGGCUUU         15598           2191         AAGCCUU A CAACCACC         291         GGUGGUUG CUGAUGAG         GCCGUUAGGC         CGAA AAAGGCUU         15599           2202         ACCACCCU C AAAGGAGC         292         GCUCCUUU CUGAUGAG         GCCGUUAGGC         CGAA AGGCGUU         15600           2220         CAGAGACU A GCCGCUCU         293         AGAGCGGC         CUGAUGAG         GCCGUUAGGC         CGAA AGUCUCUG         15601           2227         UAGCCGCU C UAGGAGAC         295         GUGUCUCU         CUGAUGAG         GCCGUUAGGC         CGAA AGCGGCU         15602           2224         ACACAGCU U GGGACUUU         296         AAAGUCCC         CUGAUGAG         CGAA AGCGGCU         15603           2242         ACACAGCU U UGGACAG         297         CUGAUCAC         CUGAUGAG         CGAA AGCCCCAA         15605           2250         UGGGACU U UGGACAGU         <	2165	GCACAAGU C UGGAAGCA			
2189         CAAAGCCU U UACAACCA         289         UGGUUGUA CUGAUGAG         GCCGUUAGGC         CGAA AGGCUUUG         15597           2190         AAAGCCUU U ACAACCACC         290         GUGGUUGU CUGAUGAG         GCCGUUAGGC CGAA AAAGGCUUU         15598           2191         AAGCCUU U ACAACCACC         291         GGUGGUUGU CUGAUGAG         GCCGUUAGGC CGAA AAAGGCUU         15599           2202         ACCACCCU C AAAGGAGC         292         GCUCCUUU CUGAUGAG         GCCGUUAGGC CGAA AGAGCGUU         15600           2227         UAGCCGCU C UAGGAGAC         294         GUCUCCUA CUGAUGAG         GCCGUUAGGC CGAA AGACGGCUA         15602           2229         GCCGCUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG         GCCGUUAGGC CGAA AGACGGGC         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG         GCCGUUAGGC CGAA AGCUCCAA         15604           2243         UUGGGACU U UGGAUCAG         297         CUGAUCCA CUGAUGAG         GCCGUUAGGC CGAA AGCUCCAA         15605           2250         UUGGACUU U GGAUCAGU         298         ACUGAUCC CUGAUGAG         GCCGUUAGGC CGAA AUCCAAAG         15606           2255         CUUUGGAU C AGUUGGAG         299         CUCCAACU CUGAUGAG         GCCGUUAGGC CGAA ACCACCCU         15608           2270	2178	AGCAGCAU U GGCAAAGC	288		
2190         AAAGCCUU U ACAACCAC         290         GUGGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU         15598           2191         AAGCCUU A CAACCACC         291         GGUGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGGCUU         15599           2202         ACCACCCU C AAAGGAGC         292         GCUCCUU CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU         15600           2220         CAGAGACU A GCCGCUCU         293         AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGCCGCUA         15602           2227         UAGCCGCU C UAGGAGAC         294         GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUA         15602           2229         GCCGCUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15604           2249         UUGGGACUU U GGAUCAGU         298         ACUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2250         UGGGACUU U GGAGGGGU         298         ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCCA         15606           2255         CUUUGGUU C AGUUGGA         299         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA ACUGAUCCA         15607           2250         GGAUCAGU U GGAGGGGU         301         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA ACUGAUCCA         15609           2271         <	2189	CAAAGCCU U UACAACCA	289		
2191         AAGCCUUU A CAACCACC         291         GGUGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGGCUU         15599           2202         ACCACCCU C AAAGGAGC         292         GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU         15600           2220         CAGAGACU A GCCGCUCU         293         AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG         15601           2227         UAGCCGCU C UAGGAGAC         294         GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC 15602           2229         GCCGUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGACCGGC 15603           2242         ACACAGCU U GGGACUUU 296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15604           2249         UUGGGACUU U GGAUCAGU 297         CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2250         UGGGACUU U GGAUCAGU 298         ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2255         CUUUGGAU C AGUUGGAG 299         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AGUCCAA         15606           2255         CUUUGGAU U GGAGGGGU 300         ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUCACCU 15606         15608           2270         AGGGGUGU U CACCUCAG         301         CUGAGGG GCGUUAGGC CGAA ACCCCCU 15609           2271         GGGGGGGGU U CACCUCAGU 302         ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACCCCCU 15610           2276	2190	AAAGCCUU U ACAACCAC	290		
2202         ACCACCCU C AAAGGAGC         292         GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA AGGGUGGU         15600           2220         CAGAGACU A GCCGCUCU         293         AGAGCGC CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG         15601           2227         UAGCCGCU C UAGAGAC         294         GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUA         15602           2229         GCCGCUCU A GGAGACAC         295         GUGUCCC CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCAA         15605           2249         UUGGGACU U UGGAUCAG         297         CUGAUCAC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2250         UGGGACUU U GGAUCAGU         298         ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUCCAA         15606           2255         CUUUGGAU C AGUUGGAG         299         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA ACUGCAAG         15606           2259         GGAUCAGU U GGAGGGGU         300         ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCCCU         15608           2270         AGGGGUGU U CACCUCAG         301         CUGAGGG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU         15609           2271         GGGGUGUU C ACCUCAGU         302         ACUGAGG CUGAUGAG GCCGUUAGGC CGAA ACACCCCC         15610           2276         GUUCAC	2191	AAGCCUUU A CAACCACC	291		
2220         CAGAGACU A GCCGCUCU         293         AGAGCGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUCUG         15601           2227         UAGCCGU C UAGGAGAC         294         GUCUCCUA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUA         15602           2229         GCCGCUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15604           2249         UUGGGACU U UGGAUCAG         297         CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15605           2250         UGGGACUU U GGAUCAGU         298         ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA         15606           2255         CUUUGGAU C AGUUGGGA         299         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA ACUCAAAG         15606           2255         GGAUCAGU U GGAGGGGU         300         ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCCCU         15608           2270         AGGGGUGU U CACCUCAG         301         CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU         15609           2271         GGGGUGUU C ACCUCAGU         302         ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCU         15610           2276         GUUCACCU C AGUUGGA         303         UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACCACCCC         15610           2280         A	2202	ACCACCCU C AAAGGAGC	292		
2227         UAGCCGCU C UAGGAGAC         294         GUCUCCUA CUGAUGAG         GCCGUUAGGC         CGAA AGCGGCUA         15602           2229         GCCGCUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG         GCCGUUAGGC         CGAA AGAGCGGC         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG         GCCGUUAGGC         CGAA AGCUGUGU         15604           2249         UUGGGACU U UGGAUCAGU         298         ACUGAUCC CUGAUGAG         GCCGUUAGGC         CGAA AGUCCCAA         15605           2250         UUGGACUU U GGAUCAGU         298         ACUGAUCC CUGAUGAG         GCCGUUAGGC         CGAA AGUCCCA         15606           2255         CUUUGGAU C AGUUGGAG         299         CUCCAACU CUGAUGAG         GCCGUUAGGC         CGAA ACUCACAA         15606           2259         GGAUCAGU U GGAGGGGU         300         ACCCCUCC CUGAUGAG         CCGAA ACUCACCU         15608           2270         AGGGGUGU U C ACCUCAGU         301         CUGAGGU CUGAUGAG         CCGUUAGGC         CGAA ACACCCCU         15609           2271         GGGGUGUU C ACCUCAGU         302         ACUGAGGU CUGAUGAG         GCCGUUAGGC         CGAA ACACCCCU         15610           2276         GUUCACCU C AGUGAGG         303         UCCCAACU CUGAUGAG	2220	CAGAGACU A GCCGCUCU	293		
2229         GCCGCUCU A GGAGACAC         295         GUGUCUCC CUGAUGAG GCCGUUAGGC CGAA AGAGCGGC         15603           2242         ACACAGCU U GGGACUUU         296         AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU 15604           2249         UUGGGACU U UGGAUCAG 297         CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA 15605           2250         UGGGACUU U GGAUCAGU 298         ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA 15606           2255         CUUUGGAU C AGUUGGAG 299         CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG 15607           2259         GGAUCAGU U GGAGGGGU 300         ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC 15608           2270         AGGGGUGU U CACCUCAG 301         CUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15609           2271         GGGGUGUU C ACCUCAGU 302         ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610           2276         GUUCACCU C AGUUGGA 303         UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610           2276         GUUCACCU C AGUUGGA 303         UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15611           2280         ACCUCAGU U GGGAAGGC 304         GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15612           2292         AAGGCUGU C CAUCAAGU 305         ACUUGAUG GCCGUUAGGC CGAA ACAGCCUU 15613           2296         CUGUCCAU C AAGUGUUC 306         GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15613           2303         UCAAGUGU C CGAGGAG 307 <t< td=""><td>2227</td><td>UAGCCGCU C UAGGAGAC</td><td>294</td><td></td><td></td></t<>	2227	UAGCCGCU C UAGGAGAC	294		
ACACAGCU U GGGACUUU 296 AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU 15604  2249 UUGGGACU U UGGAUCAG 297 CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA 15605  2250 UGGGACUU U GGAUCAGU 298 ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA 15606  2255 CUUUGGAU C AGUUGGAG 299 CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG 15607  2259 GGAUCAGU U GGAGGGGU 300 ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC 15608  2270 AGGGGUGU U CACCUCAG 301 CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15609  2271 GGGGUGUU C ACCUCAGU 302 ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15610  2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610  2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15611  2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG GCCGUUAGGC CGAA ACACCCCU 15612  2292 CUGUCCAU C AAGUGUUC 306 GAACACCU CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15613  2296 CUGUCCAU C AAGUGUUC 306 GAACACCU CUGAUGAG GCCGUUAGGC CGAA ACACCCUU 15613  2303 UCAAGUGU C CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCCUU 15615  2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615  2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA ACACCUUG 15616  2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618  2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618	2229	GCCGCUCU A GGAGACAC	295		
2249UUGGGACU U UGGAUCAG297CUGAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA156052250UGGGACUU U GGAUCAGU298ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA156062255CUUUGGAU C AGUUGGAG299CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG156072259GGAUCAGU U GGAGGGGU300ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC156082270AGGGGUGU U CACCUCAG301CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU156092271GGGGUGUU C ACCUCAGU302ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC156102276GUUCACCU C AGUUGGGA303UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGCACCCC156112280ACCUCAGU U GGGAAGGC304GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU156122292AAGGCUGU C CAUCAAGU305ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACACCCUU156132296CUGUCCAU C AAGUGUUC306GAACACUU CUGAUGAG GCCGUUAGGC CGAA AUGACAG156142303UCAAGUGU U CGGAGGAG307CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA156152304CAAGUGUU C GGAGGAGC308GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUG156162315AGGAGCAU U CCGCUCAC309GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA ACACCUUC156162316GGAGCAUU C CGCUCACU310AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AACACCUC156182321AUUCCGCU C ACUGUUCG311CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AACCCUCC15618	$\vdash$		296	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AGCUGUGU	
2250 UGGGACUU U GGAUCAGU 298 ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA 15606 2255 CUUUGGAU C AGUUGGAG 299 CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG 15607 2259 GGAUCAGU U GGAGGGGU 300 ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC 15608 2270 AGGGGUGU U CACCUCAG 301 CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15609 2271 GGGGUGUU C ACCUCAGU 302 ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610 2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15611 2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACGCCCU 15612 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACCUU CUGAUGAG GCCGUUAGGC CGAA ACACCCUU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACCUU CUGAUGAG GCCGUUAGGC CGAA ACACCCUU 15613 2303 UCCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2315 AGGAGCAU U CCGCUCAC 309 GUGAGGCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUG 15616 2316 GGAGCAUU C CGCUCACU 310 AGUGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619	$\vdash$		297		
2255 CUUUGGAU C AGUUGGAG 299 CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG 15607 2259 GGAUCAGU U GGAGGGGU 300 ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC 15608 2270 AGGGGUGU U CACCUCAG 301 CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15609 2271 GGGGUGUU C ACCUCAGU 302 ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610 2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGCACCCC 15611 2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15612 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15612 2296 CUGUCCAU C AAGUGUUC 306 GAACACCUU CUGAUGAG GCCGUUAGGC CGAA ACACCCUU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACCUU CUGAUGAG GCCGUUAGGC CGAA AUGGACAG 15614 2303 UCCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618			298	ACUGAUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	
2259 GGAUCAGU U GGAGGGGU 300 ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC 15608 2270 AGGGGUGU U CACCUCAG 301 CUGAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU 15609 2271 GGGGUGUU C ACCUCAGU 302 ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA AACACCCC 15610 2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGGUGAAC 15611 2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15612 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACACCUU 15613 2303 UCCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618	-		299	CUCCAACU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAG	
2271 GGGGUGUU C ACCUCAGU 302 ACUGAGGU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610 2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 15610 2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15611 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG GCCGUUAGGC CGAA ACUGAGGU 15612 2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15613 2303 UCCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15614 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACCUUGA 15615 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA ACCCUCC 15618			300	ACCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGAUCC	
2276 GUUCACCU C AGUUGGGA 303 UCCCAACU CUGAUGAG GCCGUUAGGC CGAA AGGGGAAC 15611 2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15612 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA AUGGACAG 15614 2303 UCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					15609
2280 ACCUCAGU U GGGAAGGC 304 GCCUUCCC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15612 2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15613 2303 UCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCUCC 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619		<del></del>			15610
2292 AAGGCUGU C CAUCAAGU 305 ACUUGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15613 2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCUU 15613 2303 UCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCC 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					15611
2296 CUGUCCAU C AAGUGUUC 306 GAACACUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAU 15613 2303 UCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					15612
2303 UCAAGUGU U CGGAGGAG 307 CUCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACGCUUGA 15615 2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACACUUGA 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619	-				15613
2304 CAAGUGUU C GGAGGAGC 308 GCUCCUCC CUGAUGAG GCCGUUAGGC CGAA AACACUUG 15616 2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AUGCUCC 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					15614
2315 AGGAGCAU U CCGCUCAC 309 GUGAGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCUCCU 15617 2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCUCC 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					15615
2316 GGAGCAUU C CGCUCACU 310 AGUGAGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCUCC 15618 2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					
2321 AUUCCGCU C ACUGUUCG 311 CGAACAGU CUGAUGAG GCCGUUAGGC CGAA AGCGGAAU 15619					
13619					
		ILLUCTURE C ACOGODOG	311		15619

			Table III	
2327	CUCACUGU U CGGAGGCA	312	UGCCUCCG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAG	15620
2328	UCACUGUU C GGAGGCAU	313	AUGCCUCC CUGAUGAG GCCGUUAGGC CGAA AACAGUGA	15621
2339	AGGCAUGU C CUGGAUAA	314	UUAUCCAG CUGAUGAG GCCGUUAGGC CGAA ACAUGCCU	15622
2346	UCCUGGAU A ACGCAAGG	315	CCUUGCGU CUGAUGAG GCCGUUAGGC CGAA AUCCAGGA	15623
2357	GCAAGGAU U GCUGGGGG	316	CCCCCAGC CUGAUGAG GCCGUUAGGC CGAA AUCCUUGC	15624
2368	UGGGGGCU C UCCUGUUG	317	CAACAGGA CUGAUGAG GCCGUUAGGC CGAA AGCCCCCA	15625
2370	GGGGCUCU C CUGUUGUG	318	CACAACAG CUGAUGAG GCCGUUAGGC CGAA AGAGCCCC	15626
2375	UCUCCUGU U GUGGAUGG	319	CCAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAGGAGA	15627
2388	AUGGGCAU C AAUGCUCG	320	CGAGCAUU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAU	15628
2395	UCAAUGCU C GUGAUAGG	321	CCUAUCAC CUGAUGAG GCCGUUAGGC CGAA AGCAUUGA	15629
2401	CUCGUGAU A GGUCCAUA	322	UAUGGACC CUGAUGAG GCCGUUAGGC CGAA AUCACGAG	15630
2405	UGAUAGGU C CAUAGCUC	323	GAGCUAUG CUGAUGAG GCCGUUAGGC CGAA ACCUAUCA	15631
2409	AGGUCCAU A GCUCUCAC	324	GUGAGAGC CUGAUGAG GCCGUUAGGC CGAA AUGGACCU	15632
2413	CCAUAGCU C UCACGUUU	325	AAACGUGA CUGAUGAG GCCGUUAGGC CGAA AGCUAUGG	15633
2415	AUAGCUCU C ACGUUUCU	326	AGAAACGU CUGAUGAG GCCGUUAGGC CGAA AGAGCUAU	15634
2420	UCUCACGU U UCUCGCAG	327	CUGCGAGA CUGAUGAG GCCGUUAGGC CGAA ACGUGAGA	15635
2421	CUCACGUU U CUCGCAGU	328	ACUGCGAG CUGAUGAG GCCGUUAGGC CGAA AACGUGAG	15636
2422	UCACGUUU C UCGCAGUU	329	AACUGCGA CUGAUGAG GCCGUUAGGC CGAA AAACGUGA	15637
2424	ACGUUUCU C GCAGUUGG	330	CCAACUGC CUGAUGAG GCCGUUAGGC CGAA AGAAACGU	15638
2430	CUCGCAGU U GGAGGAGU	331	ACUCCUCC CUGAUGAG GCCGUUAGGC CGAA ACUGCGAG	15639
2439	GGAGGAGU U CUGCUCUU	332	AAGAGCAG CUGAUGAG GCCGUUAGGC CGAA ACUCCUCC	15640
2440	GAGGAGUU C UGCUCUUC	333	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AACUCCUC	15641
2445	GUNCAGA C ANCOROR	334	GAGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAC	15642
2447	ncnecnen n cenencee	335	CGGAGAGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGA	15643
2448	cuecucuu c cucucegu	336	ACGGAGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGCAG	15644
2451	CUCUUCCU C UCCGUGAA	337	UUCACGGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAG	15645
2453	CUUCCUCU C CGUGAACG	338	CGUUCACG CUGAUGAG GCCGUUAGGC CGAA AGAGGAAG	15646
2487	UGUGCCAU A GACAUCAG	339	CUGAUGUC CUGAUGAG GCCGUUAGGC CGAA AUGGCACA	15647
2493	AUAGACAU C AGCCGGCA	340	UGCCGGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCUAU	15648
2528	UGGAGUGU U CAUACACA	341	UGUGUAUG CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	15649
2529	GGAGUGUU C AUACACAA	342	UUGUGUAU CUGAUGAG GCCGUUAGGC CGAA AACACUCC	15650
2532	GUGUUCAU A CACAAUGA	343	UCAUUGUG CUGAUGAG GCCGUUAGGC CGAA AUGAACAC	15651
2551	UGGAGGCU U GGAUGGAC	344	GUCCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCCUCCA	15652
2564 2570	GGACCGGU A CAAGUAUU	345	AAUACUUG CUGAUGAG GCCGUUAGGC CGAA ACCGGUCC	15653
	GUACAAGU A UUACCCUG	346	CAGGGUAA CUGAUGAG GCCGUUAGGC CGAA ACUUGUAC	15654
2572 2573	ACAAGUAU U ACCCUGAA CAAGUAUU A CCCUGAAA	347	UUCAGGGU CUGAUGAG GCCGUUAGGC CGAA AUACUUGU	15655
2595		348	UUUCAGGG CUGAUGAG GCCGUUAGGC CGAA AAUACUUG	15656
2604	GCCAAGAU C AUUCAGAA	349	AUCUUGGC CUGAUGAG GCCGUUAGGC CGAA AGGCCUUG	15657
2607	AAGAUCAU U CAGAAAGC	350 351	UUCUGAAU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGC	15658
2608	AGAUCAUU C AGAAAGCU	352	GCUUUCUG CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU	15659
2617	AGAAAGCU C AUAAGGAA	353	AGCUUUCU CUGAUGAG GCCGUUAGGC CGAA AAUGAUCU	15660
2620	AAGCUCAU A AGGAAGGA	354	UUCCUUAU CUGAUGAG GCCGUUAGGC CGAA AGCUUUCU	15661
2638	UGUGCGGU C UACGAUCA	355	UCCUUCCU CUGAUGAG GCCGUUAGGC CGAA AUGAGCUU	15662
2640	UGCGGUCU A CGAUCAGU	356	UGAUCGUA CUGAUGAG GCCGUUAGGC CGAA ACCGCACA ACUGAUCG CUGAUGAG GCCGUUAGGC CGAA AGACCGCA	15663
2645	UCUACGAU C AGUUUCCA	357	UGGAAACU CUGAUGAG GCCGUUAGGC CGAA AGACCGCA	15664
2649	CGAUCAGU U UCCAGACU	358	AGUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUCGUAGA	15665
2650	GAUCAGUU U CCAGACUG	359	CAGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG	15666
2651	AUCAGUUU C CAGACUGG	360	CCAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAACUGAU	15667
2665	UGGAGCAU C AAAUGUGG	361	CCACAUUU CUGAUGAG GCCGUUAGGC CGAA AUGCUCCA	15668
2701	UGAACACU C UUUUGAAG	362	CUUCAAAA CUGAUGAG GCCGUUAGGC CGAA AGUGUUCA	15669
2703	AACACUCU U UUGAAGGA	363	UCCUUCAA CUGAUGAG GCCGUUAGGC CGAA AGAGUGUU	15670 15671
2704	ACACUCUU U UGAAGGAG	364	CUCCUUCA CUGAUGAG GCCGUUAGGC CGAA AAGAGUGU	15672
2705	CACUCUUU U GAAGGAGA	365	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA AAAGAGUG	15673
2727	GUGGACCU U AGUGUCGU	366	ACGACACU CUGAUGAG GCCGUUAGGC CGAA AGGUCCAC	15674
2728	UGGACCUU A GUGUCGUG	367	CACGACAC CUGAUGAG GCCGUUAGGC CGAA AAGGUCCA	15675
2733	CUUAGUGU C GUGGUUGA	368	UCAACCAC CUGAUGAG GCCGUUAGGC CGAA ACACUAAG	15676
2739	GUCGUGGU U GAGAAACA	369	UGUUUCUC CUGAUGAG GCCGUUAGGC CGAA ACCACGAC	15677
2759	GGGAAUGU A CAAGUCAG	370	CUGACUUG CUGAUGAG GCCGUUAGGC CGAA ACAUUCCC	15678
2765	GUACAAGU C AGCACCUA	371	UAGGUGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGUAC	15679
2773	CAGCACCU A AACGCCUC	372	GAGGCGUU CUGAUGAG GCCGUUAGGC CGAA AGGUGCUG	15680
2781	AAACGCCU C ACCGCCAC	373	GUGGCGGU CUGAUGAG GCCGUUAGGC CGAA AGGCGUUU	15681
2801	GGAAAAAU U GGAAAUUG	374	CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA AUUUUUCC	15682

	WO 02/068637		PCT/US01/483:	50
_		,	Table III	
2808	UUGGAAAU U GGCUGGAA	375	UUCCAGCC CUGAUGAG GCCGUUAGGC CGAA AUUUCCAA	15683
2833	GAAAGAGU A UUUUAUUU	376	AAAUAAAA CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15684
2835	AAGAGUAU U UUAUUUGC	377	GCAAAUAA CUGAUGAG GCCGUUAGGC CGAA AUACUCUU	15685
2836	AGAGUAUU U UAUUUGCA	378	UGCAAAUA CUGAUGAG GCCGUUAGGC CGAA AAUACUCU	15686
2837	GAGUAUUU U AUUUGCAC	379	GUGCAAAU CUGAUGAG GCCGUUAGGC CGAA AAAUACUC	15687
2838	AGUAUUUU A UUUGCACC	380	GGUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAAAUACU	15688
2840	UAUUUUAU U UGCACCAG	381	CUGGUGCA CUGAUGAG GCCGUUAGGC CGAA AUAAAAUA	15689
2841	AUUUUAUU U GCACCAGA	382	UCUGGUGC CUGAUGAG GCCGUUAGGC CGAA AAUAAAAU	15690
2853	CCAGAACU C GCCAACAA	383	UUGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGUUCUGG	15691
2867	CAACACCU U UGUGGUUG	384	CAACCACA CUGAUGAG GCCGUUAGGC CGAA AGGUGUUG	15692
2868	AACACCUU U GUGGUUGA	385	UCAACCAC CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU	15693
2874	UUUGUGGU U GAUGGUCC	386	GGACCAUC CUGAUGAG GCCGUUAGGC CGAA ACCACAAA	15694
2881	UUGAUGGU C CGGAGACC	387	GGUCUCCG CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	15695
2899	AGGAAUGU C CGACUCAG	388	CUGAGUCG CUGAUGAG GCCGUUAGGC CGAA ACAUUCCU	15696
2905	GUCCGACU C AGAAUCGC	389	GCGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGUCGGAC	15697
2911	CUCAGAAU C GCGCUUGG	390	CCAAGCGC CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG	15698
2917	AUCGCGCU U GGAAUAGC	391	GCUAUUCC CUGAUGAG GCCGUUAGGC CGAA AGCGCGAU	15699
2923	CUUGGAAU A GCUUAGAA	392	UUCUAAGC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAG	15700
2927	GAAUAGCU U AGAAGUGG	393	CCACUUCU CUGAUGAG GCCGUUAGGC CGAA AGCUAUUC	15701
2928	AAUAGCUU A GAAGUGGA	394	UCCACUUC CUGAUGAG GCCGUUAGGC CGAA AAGCUAUU	15702
2941	UGGAGGAU U UUGGAUUU	395	AAAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCUCCA	15703
2942	GGAGGAUU U UGGAUUUG	396	CAAAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUCCUCC	15704
2943	GAGGAUUU U GGAUUUGG	397	CCAAAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCUC	15705
2948	UUUUGGAU U UGGUCUCA	398	UGAGACCA CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	15706
2949	UUUGGAUU U GGUCUCAC	399	GUGAGACC CUGAUGAG GCCGUUAGGC CGAA AAUCCAAA	15707
2953	GAUUUGGU C UCACCAGC	400	GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAAAUC	15708
2955	UUUGGUCU C ACCAGCAC	401	GUGCUGGU CUGAUGAG GCCGUUAGGC CGAA AGACCAAA	15709
2965	CCAGCACU C GGAUGUUC	402	GAACAUCC CUGAUGAG GCCGUUAGGC CGAA AGUGCUGG	15710
2972	UCGGAUGU U CCUGAAGG	403	CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA ACAUCCGA	15711
2973	CGGAUGUU C CUGAAGGU	404	ACCUUCAG CUGAUGAG GCCGUUAGGC CGAA AACAUCCG	15712
3011	CUGAAGGU C AGAGAGAG	405	CUCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACCUUCAG	15713
3018	AUGUGACU C GAAGAUCA UCGAAGAU C AUUGGAAC	406	UGAUCUUC CUGAUGAG GCCGUUAGGC CGAA AGUCACAU	15714
3021	AAGAUCAU U GGAACGGC	407	GUUCCAAU CUGAUGAG GCCGUUAGGC CGAA AUCUUCGA	15715
3033	ACGGCUGU C AAGAACAA	408	GCCGUUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUCUU	15716
3044	GAACAACU U GGCGAUCC	409	UUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGU	15717
3051	UUGGCGAU C CACAGUGA	411	GGAUCGCC CUGAUGAG GCCGUUAGGC CGAA AGUUGUUC	15718
3065	UGACCUGU C CUAUUGGA	412	UCACUGUG CUGAUGAG GCCGUUAGGC CGAA AUCGCCAA	15719
3068	CCUGUCCU A UUGGAUUG	413	UCCAAUAG CUGAUGAG GCCGUUAGGC CGAA ACAGGUCA	15720
3070	UGUCCUAU U GGAUUGAA	414	CAAUCCAA CUGAUGAG GCCGUUAGGC CGAA AGGACAGG	15721
3075	UAUUGGAU U GAAAGCAG	415	UUCAAUCC CUGAUGAG GCCGUUAGGC CGAA AUAGGACA	15722
3087	AGCAGGCU C AAUGAUAC	416	CUGCUUUC CUGAUGAG GCCGUUAGGC CGAA AUCCAAUA	15723
3094	UCAAUGAU A CGUGGAAG	417	GUAUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGCU CUUCCACG CUGAUGAG GCCGUUAGGC CGAA AUCAUUGA	15724
3105	UGGAAGCU U GAAAGGGC	418	GCCCUUUC CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA	15725
3117	AGGGCAGU U CUGGGUGA	419	UCACCCAG CUGAUGAG GCCGUUAGGC CGAA ACCUUCCA	15726
3118	GGGCAGUU C UGGGUGAA	420	UUCACCCA CUGAUGAG GCCGUUAGGC CGAA ACUGCCCU	15727
3129	GGUGAAGU C AAAUCAUG	421	CAUGAUUU CUGAUGAG GCCGUUAGGC CGAA ACUUCACC	15728
3134	AGUCAAAU C AUGUACGU	422	ACGUACAU CUGAUGAG GCCGUUAGGC CGAA ACUUCACC	15729
3139	AAUCAUGU A CGUGGCCU	423	AGGCCACG CUGAUGAG GCCGUUAGGC CGAA ACAUGAUU	15730
3157	AGACGCAU A CCUUGUGG	424	CCACAAGG CUGAUGAG GCCGUUAGGC CGAA AUGCGUCU	15731
3161	GCAUACCU U GUGGGGCG	425	CGCCCAC CUGAUGAG GCCGUUAGGC CGAA AGGUAUGC	15732
3177	GAUGGAAU C CUUGAGAG	426	CUCUCAAG CUGAUGAG GCCGUUAGGC CGAA AUUCCAUC	15733
3180	GGAAUCCU U GAGAGUGA	427	UCACUCUC CUGAUGAG GCCGUUAGGC CGAA AGGAUUCC	15734
3191	GAGUGACU U GAUAAUAC	428	GUAUUAUC CUGAUGAG GCCGUUAGGC CGAA AGUCACUC	15736
3195	GACUUGAU A AUACCAGU	429	ACUGGUAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGUC	15737
3198	UUGAUAAU A CCAGUCAC	430	GUGACUGG CUGAUGAG GCCGUUAGGC CGAA AUUAUCAA	15738
3204	AUACCAGU C ACACUGGC	431	GCCAGUGU CUGAUGAG GCCGUUAGGC CGAA ACUGGUAU	15739
3229	GAAGCAAU C ACAAUCGG	432	CCGAUUGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUUC	15740
3235	AUCACAAU C GGAGACCU	433	AGGUCUCC CUGAUGAG GCCGUUAGGC CGAA AUUGUGAU	15741
3248	ACCUGGGU A CAAGACAC	434	GUGUCUUG CUGAUGAG GCCGUUAGGC CGAA ACCCAGGU	15742
3288	GGCCGGGU A GAGAUUGA	435	UCAAUCUC CUGAUGAG GCCGUUAGGC CGAA ACCCGGCC	15742
3294	GUAGAGAU U GACUUCGA	436	UCGAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCUCUAC	15744
3299	GAUUGACU U CGAUUACU	437	AGUAAUCG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUC	15745
			60	

Table III

3300 AUUGACUU C GAUUACUG 438 CAGUAAUC CUGAUGAG GCCGUUAGGC CGAA AAGUC 3304 ACUUCGAU U ACUGCCCA 439 UGGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCGA 3305 CUUCGAUU A CUGCCCAG 440 CUGGGCAG CUGAUGAG GCCGUUAGGC CGAA AAUCG 3319 CAGGAACU A CGGUCACC 441 GGUGACCG CUGAUGAG GCCGUUAGGC CGAA AGUUC 3324 ACUACGGU C ACCCUGAG 442 CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGU 3364 CUGCCACU C GCACCACC 443 GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGUGG	AGU 15747 AAG 15748 CUG 15749 AGU 15750
3305 CUUCGAUU A CUGCCCAG 440 CUGGGCAG CUGAUGAG GCCGUUAGGC CGAA AAUCG 3319 CAGGAACU A CGGUCACC 441 GGUGACCG CUGAUGAG GCCGUUAGGC CGAA AGUUC 3324 ACUACGGU C ACCCUGAG 442 CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGU	AAG 15748 CUG 15749 AGU 15750
3319 CAGGAACU A CGGUCACC 441 GGUGACCG CUGAUGAG GCCGUUAGGC CGAA AGUUC 3324 ACUACGGU C ACCCUGAG 442 CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGU	CUG 15749 AGU 15750
3324 ACUACGGU C ACCCUGAG 442 CUCAGGGU CUGAUGAG GCCGUUAGGC CGAA ACCGU	AGU 15750
1 3304   COGCCACO C GCACCACC   443   GGOGGOGC COGAGGAG GCCGOGAGGC CGAA AGUGG	CWG   TO\OT
3389 CGGAAAGU U GAUAACAG 444 CUGUUAUC CUGAUGAG GCCGUUAGGC CGAA ACUUU	CCC 15752
<u></u>	
<u> </u>	
3400 UAACAGAU U GGUGCUGC 446 GCAGCACC CUGAUGAG GCCGUUAGGC CGAA AUCUG	
3422 CUGCACCU U ACCACCAC 447 GUGGUGGU CUGAUGAG GCCGUUAGGC CGAA AGGUG	
3423 UGCACCUU A CCACCACU 448 AGUGGUGG CUGAUGAG GCCGUUAGGC CGAA AAGGU	
3437 ACUGCGCU A CCAAACUG 449 CAGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGCGC	
3457 GCGGCUGU U GGUAUGGU 450 ACCAUACC CUGAUGAG GCCGUUAGGC CGAA ACAGC	
3461 CUGUUGGU A UGGUAUGG 451 CCAUACCA CUGAUGAG GCCGUUAGGC CGAA ACCAA	
3466 GGUAUGGU A UGGAGAUC 452 GAUCUCCA CUGAUGAG GCCGUUAGGC CGAA ACCAU	
3474 AUGGAGAU C AGACCACA 453 UGUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUC	
3504 AAGACCCU C GUGCAGUC 454 GACUGCAC CUGAUGAG GCCGUUAGGC CGAA AGGGU	
3512 CGUGCAGU C ACAAGUGA 455 UCACUUGU CUGAUGAG GCCGUUAGGC CGAA ACUGC	
3526 UGAAUGCU U AUAAUGCU 456 AGCAUUAU CUGAUGAG GCCGUUAGGC CGAA AGCAU	
3527 GAAUGCUU A UAAUGCUG 457 CAGCAUUA CUGAUGAG GCCGUUAGGC CGAA AAGCA	
3529 AUGCUUAU A AUGCUGAU 458 AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUAAG	
3538 AUGCUGAU A UGAUUGAC 459 GUCAAUCA CUGAUGAG GCCGUUAGGC CGAA AUCAG	
3543 GAUAUGAU U GACCCUUU 460 AAAGGGUC CUGAUGAG GCCGUUAGGC CGAA AUCAU	
3550 UUGACCCU U UUCAGUUG 461 CAACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGU	
3551 UGACCCUU U UCAGUUGG 462 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA AAGGG	
3552 GACCCUUU U CAGUUGGG 463 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA AAAGG	GUC 15771
3553 ACCCUUUU C AGUUGGGC 464 GCCCAACU CUGAUGAG GCCGUUAGGC CGAA AAAAG	
3557 UUUUCAGU U GGGCCUUC 465 GAAGGCCC CUGAUGAG GCCGUUAGGC CGAA ACUGA	
3564 UUGGGCCU U CUGGUCGU 466 ACGACCAG CUGAUGAG GCCGUUAGGC CGAA AGGCC	
3565 UGGGCCUU C UGGUCGUG 467 CACGACCA CUGAUGAG GCCGUUAGGC CGAA AAGGC	
3570 CUUCUGGU C GUGUUCUU 468 AAGAACAC CUGAUGAG GCCGUUAGGC CGAA ACCAG	
3575 GGUCGUGU U CUUGGCCA 469 UGGCCAAG CUGAUGAG GCCGUUAGGC CGAA ACACG	
3576 GUCGUGUU C UUGGCCAC 470 GUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACAC	
3578 CGUGUUCU U GGCCACCC 471 GGGUGGCC CUGAUGAG GCCGUUAGGC CGAA AGAAC	
3594 CAGGAGGU C CUUCGCAA 472 UUGCGAAG CUGAUGAG GCCGUUAGGC CGAA ACCUC	
3597 GAGGUCCU U CGCAAGAG 473 CUCUUGCG CUGAUGAG GCCGUUAGGC CGAA AGGAC	
3598 AGGUCCUU C GCAAGAGG 474 CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA AAGGA	
3621 GCCAAGAU C AGCAUGCC 475 GGCAUGCU CUGAUGAG GCCGUUAGGC CGAA AUCUU	
3634 UGCCAGCU A UACUGAUU 476 AAUCAGUA CUGAUGAG GCCGUUAGGC CGAA AGCUG	
3636 CCAGCUAU A CUGAUUGC 477 GCAAUCAG CUGAUGAG GCCGUUAGGC CGAA AUAGC	
3642 AUACUGAU U GCUCUGCU 478 AGCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAG	
3646 UGAUUGCU C UGCUAGUC 479 GACUAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAA	
3651 GCUCUGCU A GUCCUGGU 480 ACCAGGAC CUGAUGAG GCCGUUAGGC CGAA AGCAG	
3654 CUGCUAGU C CUGGUGUU 481 AACACCAG CUGAUGAG GCCGUUAGGC CGAA ACUAG	
3662 CCUGGUGU U UGGGGGCA 482 UGCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACACC	
3663 CUGGUGUU U GGGGGCAU 483 AUGCCCCC CUGAUGAG GCCGUUAGGC CGAA AACAC	<del></del>
3672 GGGGGCAU U ACUUACAC 484 GUGUAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCC	
3673 GGGGCAUU A CUUACACU 485 AGUGUAAG CUGAUGAG GCCGUUAGGC CGAA AAUGC	
3676 GCAUUACU U ACACUGAU 486 AUCAGUGU CUGAUGAG GCCGUUAGGC CGAA AGUAA	
3677 CAUUACUU A CACUGAUG 487 CAUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUA	
3689 UGAUGUGU U ACGCUAUG 488 CAUAGCGU CUGAUGAG GCCGUUAGGC CGAA ACACA	
3690 GAUGUGUU A CGCUAUGU 489 ACAUAGCG CUGAUGAG GCCGUUAGGC CGAA AACAC	
3695 GUUACGCU A UGUCAUCU 490 AGAUGACA CUGAUGAG GCCGUUAGGC CGAA AGCGU	
3699 CGCUAUGU C AUCUUGGU 491 ACCAAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUA	
3702 UAUGUCAU C UUGGUGGG 492 CCCACCAA CUGAUGAG GCCGUUAGGC CGAA AUGAC	
3704 UGUCAUCU U GGUGGGGG 493 CCCCCACC CUGAUGAG GCCGUUAGGC CGAA AGAUG	
3718 GGGCAGCU U UCGCAGAA 494 UUCUGCGA CUGAUGAG GCCGUUAGGC CGAA AGCUG	
3719 GGCAGCUU U CGCAGAAU 495 AUUCUGCG CUGAUGAG GCCGUUAGGC CGAA AAGCU	
3720 GCAGCUUU C GCAGAAUC 496 GAUUCUGC CUGAUGAG GCCGUUAGGC CGAA AAAGC	
3728 CGCAGAAU C UAAUUCGG 497 CCGAAUUA CUGAUGAG GCCGUUAGGC CGAA AUUCU	
3730 CAGAAUCU A AUUCGGGA 498 UCCCGAAU CUGAUGAG GCCGUUAGGC CGAA AGAUU	
3733 AAUCUAAU U CGGGAGGA 499 UCCUCCCG CUGAUGAG GCCGUUAGGC CGAA AUUAG	
3734 AUCUAAUU C GGGAGGAG 500 CUCCUCCC CUGAUGAG GCCGUUAGGC CGAA AAUUA	GAU 15808

### Table III

3750	GACGUGGU A CACUUGGC	501	GCCAAGUG CUGAUGAG GCCGUUAGGC CGAA ACCACGUC	15809
3755	GGUACACU U GGCGCUCA	502	UGAGCGCC CUGAUGAG GCCGUUAGGC CGAA AGUGUACC	15810
3762	UUGGCGCU C AUGGCGAC	503	GUCGCCAU CUGAUGAG GCCGUUAGGC CGAA AGCGCCAA	15811
3773	GGCGACCU U CAAGAUAC	504	GUAUCUUG CUGAUGAG GCCGUUAGGC CGAA AGGUCGCC	15812
3774	GCGACCUU C AAGAUACA	505	UGUAUCUU CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	15813
3780	UUCAAGAU A CAACCAGU	506	ACUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAA	15814
3791	ACCAGUGU U UAUGGUGG	507	CCACCAUA CUGAUGAG GCCGUUAGGC CGAA ACACUGGU	15815
3792	CCAGUGUU U AUGGUGGC	508	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA AACACUGG	+
3793	CAGUGUUU A UGGUGGCA	509	UGCCACCA CUGAUGAG GCCGUUAGGC CGAA AAACACUG	15816
3803	GGUGGCAU C GUUUCUCA	510	UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA AUGCCACC	15817
3806	GGCAUCGU U UCUCAAAG	511	CUUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACGAUGCC	15818
3807	GCAUCGUU U CUCAAAGC	512	GCUUUGAG CUGAUGAG GCCGUUAGGC CGAA AACGAUGC	15819
3808	CAUCGUUU C UCAAAGCG	513		15820
3810	UCGUUUCU C AAAGCGAG	+	CGCUUUGA CUGAUGAG GCCGUUAGGC CGAA AAACGAUG	15821
3840		514	CUCGCUUU CUGAUGAG GCCGUUAGGC CGAA AGAAACGA	15822
	GAGAACAU U UUGUUGAU	515	AUCAACAA CUGAUGAG GCCGUUAGGC CGAA AUGUUCUC	15823
3841	AGAACAUU U UGUUGAUG	516	CAUCAACA CUGAUGAG GCCGUUAGGC CGAA AAUGUUCU	15824
3842	GAACAUUU U GUUGAUGU	517	ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AAAUGUUC	15825
3845	CAUUUUGU U GAUGUUGG	518	CCAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAAAAUG	15826
3851	GUUGAUGU U GGCGGCUG	519	CAGCCGCC CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	15827
3861	GCGGCUGU U UUCUUUCA	520	UGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ACAGCCGC	15828
3862	CGGCUGUU U UCUUUCAA	521	UUGAAAGA CUGAUGAG GCCGUUAGGC CGAA AACAGCCG	15829
3863	GGCUGUUU U CUUUCAAA	522	UUUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAACAGCC	15830
3864	GCUGUUUU C UUUCAAAU	523	AUUUGAAA CUGAUGAG GCCGUUAGGC CGAA AAAACAGC	15831
3866	UGUUUUCU U UCAAAUGG	524	CCAUUUGA CUGAUGAG GCCGUUAGGC CGAA AGAAAACA	15832
3867	GUUUUCUU U CAAAUGGC	525	GCCAUUUG CUGAUGAG GCCGUUAGGC CGAA AAGAAAAC	15833
3868	UUUUCUUU C AAAUGGCU	526	AGCCAUUU CUGAUGAG GCCGUUAGGC CGAA AAAGAAAA	15834
3877	AAAUGGCU U AUCACGAU	527	AUCGUGAU CUGAUGAG GCCGUUAGGC CGAA AGCCAUUU	15835
3878	AAUGGCUU A UCACGAUG	528	CAUCGUGA CUGAUGAG GCCGUUAGGC CGAA AAGCCAUU	15836
3880	UGGCUUAU C ACGAUGCC	529	GGCAUCGU CUGAUGAG GCCGUUAGGC CGAA AUAAGCCA	15837
3897	CGCCAAAU U CUGCUCUG	530	CAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AUUUGGCG	15838
3898	GCCAAAUU C UGCUCUGG	531	CCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUUUGGC	15839
3903	AUUCUGCU C UGGGAGAU	532	AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU	15840
3912	UGGGAGAU C CCUGAUGU	533	ACAUCAGG CUGAUGAG GCCGUUAGGC CGAA AUCUCCCA	15841
3923	UGAUGUGU U GAAUUCAC	534	GUGAAUUC CUGAUGAG GCCGUUAGGC CGAA ACACAUCA	15842
3928	UGUUGAAU U CACUGGCG	535	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA AUUCAACA	
3929	GUUGAAUU C ACUGGCGG	536	CCGCCAGU CUGAUGAG GCCGUUAGGC CGAA AAUUCAAC	15843
3939	CUGGCGGU A GCUUGGAU	537	AUCCAAGC CUGAUGAG GCCGUUAGGC CGAA ACCGCCAG	15844
3943	CGGUAGCU U GGAUGAUA	538	UAUCAUCC CUGAUGAG GCCGUUAGGC CGAA AGCUACCG	15845
3951	UGGAUGAU A CUGAGAGC	539		15846
3963	AGAGCCAU A ACAUUCAC	540		15847
3968	CAUAACAU U CACAACGA	541		15848
3969	AUAACAUU C ACAACGAC	542	GUCGUUGU CUGAUGAG GCCGUUAGGC CGAA AUGUUAU GUCGUUGU CUGAUGAG GCCGUUAGGC CGAA AAUGUUAU	15849
3980	AACGACAU C AAACGUGG	543		15850
3990	AACGUGGU U GUUCCGCU	544	CCACGUUU CUGAUGAG GCCGUUAGGC CGAA AUGUCGUU	15851
3993	GUGGUUGU U CCGCUGCU	545	AGCGGAAC CUGAUGAG GCCGUUAGGC CGAA ACCACGUU	15852
3994	UGGUUGUU C CGCUGCUA	546	AGCAGCGG CUGAUGAG GCCGUUAGGC CGAA ACAACCAC	15853
4002	CCGCUGCU A GCCCUGCU		UAGCAGCG CUGAUGAG GCCGUUAGGC CGAA AACAACCA	15854
4011	GCCCUGCU A ACACCCGG	547	AGCAGGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGCGG	15855
4031		548	CCGGGUGU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGC	15856
4036	GAGAUGCU U GAAUCUGG	549	CCAGAUUC CUGAUGAG GCCGUUAGGC CGAA AGCAUCUC	15857
	GCUUGAAU C UGGAUGUG	550	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAAGC	15858
4046	GGAUGUGU A CAGGAUAC	551	GUAUCCUG CUGAUGAG GCCGUUAGGC CGAA ACACAUCC	15859
4053	UACAGGAU A CUGCUGUU	552	AACAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15860
4061	ACUGCUGU U GAUGGUCG	553	CGACCAUC CUGAUGAG GCCGUUAGGC CGAA ACAGCAGU	15861
4068	UUGAUGGU C GGAAUAGG	554	CCUAUUCC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	15862
4074	GUCGGAAU A GGCAGCUU	555	AAGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUUCCGAC	15863
4082	AGGCAGCU U GAUCAGGG	556	CCCUGAUC CUGAUGAG GCCGUUAGGC CGAA AGCUGCCU	15864
4086	AGCUUGAU C AGGGAGAA	557	UUCUCCCU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCU	15865
4129	GAGCAAGU C UGCUAUGC	558	GCAUAGCA CUGAUGAG GCCGUUAGGC CGAA ACUUGCUC	15866
4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGACU	15867
4139	GCUAUGCU U GGCUCUAG	560	CUAGAGCC CUGAUGAG GCCGUUAGGC CGAA AGCAUAGC	15868
4144	GCUUGGCU C UAGCCUCA	561	UGAGGCUA CUGAUGAG GCCGUUAGGC CGAA AGCCAAGC	15869
4146	UUGGCUCU A GCCUCAAC	562	GUUGAGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCAA	15870
4151	UCUAGCCU C AACAGGAC	563	GUCCUGUU CUGAUGAG GCCGUUAGGC CGAA AGGCUAGA	15871

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			Table III	
4161	ACAGGACU U UUCAACCC	564	GGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGUCCUGU	15872
4162	CAGGACUU U UCAACCCC	565	GGGGUUGA CUGAUGAG GCCGUUAGGC CGAA AAGUCCUG	15873
4163	AGGACUUU U CAACCCCA	566	UGGGGUUG CUGAUGAG GCCGUUAGGC CGAA AAAGUCCU	15874
4164	GGACUUUU C AACCCCAU	567	AUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AAAAGUCC	15875
4176	CCCAUGAU C CUUGCUGC	568	GCAGCAAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGGG	15876
4179	AUGAUCCU U GCUGCUGG	569	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGGAUCAU	15877
4194	GGACUGAU U GCAUGUGA	570	UCACAUGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	15878
4204	CAUGUGAU C CCAACCGU	571	ACGGUUGG CUGAUGAG GCCGUUAGGC CGAA AUCACAUG	15879
4213	CCAACCGU A AACGCGGA	572	UCCGCGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUGG	15880
4251	ACAGCUGU C GGCCUAAU	573	AUUAGGCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGU	15881
4257	GUCGGCCU A AUGUUUGC	574	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGGCCGAC	15882
4262	CCUAAUGU U UGCCAUCG	575	CGAUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAUUAGG	15883
4263	CUAAUGUU U GCCAUCGU	576	ACGAUGGC CUGAUGAG GCCGUUAGGC CGAA AACAUUAG	15884
4269	UUUGCCAU C GUCGGAGG	577	CCUCCGAC CUGAUGAG GCCGUUAGGC CGAA AUGGCAAA	15885
4272	GCCAUCGU C GGAGGGCU	578	AGCCCUCC CUGAUGAG GCCGUUAGGC CGAA ACGAUGGC	15886
4290	GCAGAGCU U GACAUUGA	579	UCAAUGUC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC	15887
4296	CUUGACAU U GACUCCAU	580	AUGGAGUC CUGAUGAG GCCGUUAGGC CGAA AUGUCAAG	+
4301	CAUUGACU C CAUGGCCA	581	UGGCCAUG CUGAUGAG GCCGUUAGGC CGAA AGUCAAUG	15888
4311	AUGGCCAU U CCAAUGAC	582	GUCAUUGG CUGAUGAG GCCGUUAGGC CGAA AUGGCCAU	15889
4312	UGGCCAUU C CAAUGACU	583	AGUCAUUG CUGAUGAG GCCGUUAGGC CGAA AAUGGCCA	15890
4321	CAAUGACU A UCGCGGGG	584	CCCCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUUG	15891
4323	AUGACUAU C GCGGGGCU	585	AGCCCCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUCAU	15892
4332	GCGGGGCU C AUGUUUGC	586	GCAAACAU CUGAUGAG GCCGUUAGGC CGAA AGCCCCGC	15893
4337	GCUCAUGU U UGCUGCUU	587	AAGCAGCA CUGAUGAG GCCGUUAGGC CGAA ACAUGAGC	15894
4338	CUCAUGUU U GCUGCUUU	588	AAAGCAGC CUGAUGAG GCCGUUAGGC CGAA AACAUGAG	15895
4345	UUGCUGCU U UCGUGAUU	589	AAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	15896
4346	UGCUGCUU U CGUGAUUU	590	AAAUCACG CUGAUGAG GCCGUUAGGC CGAA AAGCAGCA	15897
4347	GCUGCUUU C GUGAUUUC	591	GAAAUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGCAGCA	15898
4353	UUCGUGAU U UCUGGGAA	592		15899
4354	UCGUGAUU U CUGGGAAA	593	TYPICOGO C CITATION -	15900
4355	CGUGAUUU C UGGGAAAU	594	AUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUCACGA AUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AAAUCACG	15901
4364	UGGGAAAU C AACAGAUA	595	UAUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUUUCCCA	15902
4372	CAACAGAU A UGUGGAUU	596	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA AUCUGUUG	15903
4380	AUGUGGAU U GAGAGAAC	597	GUUCUCUC CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	15904
4398	GCGGACAU U UCCUGGGA	598	UCCCAGGA CUGAUGAG GCCGUUAGGC CGAA AUGUCCGC	15905
4399	CGGACAUU U CCUGGGAA	599	UUCCCAGG CUGAUGAG GCCGUUAGGC CGAA AAUGUCCGC	15906
4400	GGACAUUU C CUGGGAAA	600	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA AAUGUCC	15907
4422	GCAGAAAU U ACAGGCUC	601	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGC	15908
4423	CAGAAAUU A CAGGCUCG	602	CGAGCCUG CUGAUGAG GCCGUUAGGC CGAA AAUUUCUG	15909
4430	UACAGGCU C GAGCGAAA	603	UUUCGCUC CUGAUGAG GCCGUUAGGC CGAA AGCCUGUA	15910
4443	GAAAGAGU U GAUGUGCG	604	CGCACAUC CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15911
4455	GUGCGGCU U GAUGAUGA	605	UCAUCAUC CUGAUGAG GCCGUUAGGC CGAA ACUCUUUC	15912
4472	UGGAAACU U CCAGCUCA	606	UGAGCUGG CUGAUGAG GCCGUUAGGC CGAA AGCCGCAC	15913
4473	GGAAACUU C CAGCUCAU	607	AUGAGCUG CUGAUGAG GCCGUUAGGC CGAA AGUUUCCA	15914
4479	UUCCAGCU C AUGAAUGA	608	UCAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGGUUUCC	15915
4489	UGAAUGAU C CAGGAGCA	609	UGCICCIG CIGALIGAG GCCGUIAGGC CGAA AGCUGGAA	15916
4501	GAGCACCU U GGAAGAUA	610	UGCUCCUG CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA UAUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC	15917
4509	UGGAAGAU A UGGAUGCU	611	AGCAUCCA CUGAUGAG GCCGUUAGGC CGAA AUCUUCCA	15918
4518	UGGAUGCU C AGAAUGGU	612	ACCAUUCU CUGAUGAG GCCGUUAGGC CGAA AUCUUCCA ACCAUUCU CUGAUGAG GCCGUUAGGC CGAA AGCAUCCA	15919
4527	AGAAUGGU C UGUCUCGC	613	GCGAGACA CUGAUGAG GCCGUUAGGC CGAA ACCAUUCU	15920
4531	UGGUCUGU C UCGCGAUU	614	ANICCOCA CUCAUCAC GOOGUN GGC CGAA ACCAUUCU	15921
4533	GUCUGUCU C GCGAUUAG	615	AAUCGCGA CUGAUGAG GCCGUUAGGC CGAA ACAGACCA	15922
4539	CUCGCGAU U AGUGCGUA	616	CUAAUCGC CUGAUGAG GCCGUUAGGC CGAA AGACAGAC	15923
4540	UCGCGAUU A GUGCGUAC	617	UACGCACU CUGAUGAG GCCGUUAGGC CGAA AUCGCGAG	15924
4547	UAGUGCGU A CACCCCCU	618	GUACGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCGCGA	15925
4563	UGGGCAAU C UUGCCCUC	619	AGGGGGUG CUGAUGAG GCCGUUAGGC CGAA ACGCACUA	15926
4565	GGCAAUCU U GCCCUCAG	620	GAGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCCA	15927
4571	CUUGCCCU C AGUAGUUG	621	CUGAGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUUGCC	15928
4575	CCCUCAGU A GUUGGAUU	622	CAACUACU CUGAUGAG GCCGUUAGGC CGAA AGGGCAAG	15929
4578	UCAGUAGU U GGAUUUUG	623	AAUCCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGAGGG	15930
4583	AGUUGGAU U UUGGAUAA	624	CAAAAUCC CUGAUGAG GCCGUUAGGC CGAA ACUACUGA	15931
4584	GUUGGAUU U UGGAUAAC	625	UUAUCCAA CUGAUGAG GCCGUUAGGC CGAA AUCCAACU	15932
4585	UUGGAUUU U GGAUAACU	626	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA AAUCCAAC	15933
			AGUUAUCC CUGAUGAG GCCGUUAGGC CGAA AAAUCCAA	15934
			71	

			Table III	•
4590	UUUUGGAU A ACUCUCCA	627	UGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCAAAA	1 15025
4594	GGAUAACU C UCCAAUAC	628	GUAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGUUAUCC	15935
4596	AUAACUCU C CAAUACAC	629	GUGUAUUG CUGAUGAG GCCGUUAGGC CGAA AGAGUUAU	15936
4601	UCUCCAAU A CACAAAGA	630	UCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGAGA	15937
4622	AGGCGUGU U GUGGGACA	631	UGUCCCAC CUGAUGAG GCCGUUAGGC CGAA ACACGCCU	15938
4633	GGGACACU C CCUCACCA	632	UGGUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGUCCC	15939
4637	CACUCCCU C ACCAAAGG	633	CCUUUGGU CUGAUGAG GCCGUUAGGC CGAA AGGGAGUG	15940
4649	AAAGGAGU A CAAAAAGG	634	CCUUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUCCUUU	15941
4677	ACCGGCGU C UACAGGAU	635	NICOTOR AND ADDRESS OF THE PARTY OF THE PART	15942
4679	CGGCGUCU A CAGGAUCA	636	UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	15943
4686	UACAGGAU C AUGACUCG	637	CGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUCCUGUA	15944
4693	UCAUGACU C GUGGGCUG	638	CAGCCCAC CUGAUGAG GCCGUUAGGC CGAA AGUCAUGA	15945
4704	GGGCUGCU C GGCAGUUA	639	UAACUGCC CUGAUGAG GCCGUUAGGC CGAA AGCAGCCC	15946
4711	UCGGCAGU U AUCAAGCA	640	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGA	15947
4712	CGGCAGUU A UCAAGCAG	641	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	15948
4714	GCAGUUAU C AAGCAGGA	642	UCCUGCUU CUGAUGAG GCCGUUAGGC CGAA AUAACUGC	15949
4737	GUGAUGGU U GAAGGUGU	643	ACACCUUC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAC	15950 15951
4746	GAAGGUGU U UUCCACAC	644	GUGUGGAA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	15952
4747	AAGGUGUU U UCCACACC	645	GGUGUGGA CUGAUGAG GCCGUUAGGC CGAA AACACCUU	15953
4748	AGGUGUUU U CCACACCC	646	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA AAACACCU	15954
4749	GGUGUUUU C CACACCCU	647	AGGGUGUG CUGAUGAG GCCGUUAGGC CGAA AAAACACC	15955
4758	CACACCCU U UGGCAUAC	648	GUAUGCCA CUGAUGAG GCCGUUAGGC CGAA AGGGUGUG	15956
4759	ACACCCUU U GGCAUACA	649	UGUAUGCC CUGAUGAG GCCGUUAGGC CGAA AAGGGUGU	15957
4765	UUUGGCAU A CAACAAAA	650	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCCAAA	15958
4783	GAGCCGCU U UGAUGAGC	651	GCUCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCGGCUC	15959
4784	AGCCGCUU U GAUGAGCG	652	CGCUCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCGGCU	15960
4814	GGACCCAU A CUGGGGCA	653	UGCCCCAG CUGAUGAG GCCGUUAGGC CGAA AUGGGUCC	15961
4827	GGCAGUGU C AAGGAGGA	654	UCCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACACUGCC	15962
4842	AGGAGGAU C GACUUUGU	655	ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	15963
4843	GAUCGACU U UGUUACGG	656	CCGUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCGAUC	15964
4846	AUCGACUU U GUUACGGA GACUUUGU U ACGGAGGA	657	UCCGUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCGAU	15965
4847	ACUUUGUU A CGGAGGAC	658	UCCUCCGU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	15966
4865	CUGGAAAU U GCAGCACA	659 660	GUCCUCCG CUGAUGAG GCCGUUAGGC CGAA AACAAAGU	15967
4905	CAGAUGAU U GUGGUGGA	661	UGUGCUGC CUGAUGAG GCCGUUAGGC CGAA AUUUCCAG	15968
4929	AAGAACGU U AAGAACGU	662	UCCACCAC CUGAUGAG GCCGUUAGGC CGAA AUCAUCUG	15969
4930	AGAACGUU A AGAACGUC	663	ACGUUCUU CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU GACGUUCU CUGAUGAG GCCGUUAGGC CGAA AACGUUCU	15970
4938	AAGAACGU C CAGACGAA	664	Integration of the second seco	15971
4958	AGGGGUGU U CAAAACAC	665	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ACGUUCUU GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ACACCCCU	15972
4959	GGGGUGUU C AAAACACC	666		15973
4980	GGAGAAAU C GGGGCCGU	667	3.0000000	15974
4993	CCGUGACU U UGGACUUC	668		15975
4994	CGUGACUU U GGACUUCC	669	GAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AGUCACGG GGAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAGUCACG	15976
5000	UUUGGACU U CCCCACUG	670	CAGUGGGG CUGAUGAG GCCGUUAGGC CGAA AGUCCAAA	15977
5001	UUGGACUU C CCCACUGG	671	CCAGUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUCCAAA	15978
5015	UGGAACAU C AGGCUCAC	672	GUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUCCA	15979 15980
5021	AUCAGGCU C ACCAAUAG	673	CUAUUGGU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU	15980
5028	UCACCAAU A GUGGACAA	674	UUGUCCAC CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	15982
5052	GAUGUGAU U GGGCUUUA	675	UAAAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCACAUC	15983
5058	AUUGGGCU U UAUGGCAA	676	UUGCCAUA CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	15984
5059	UUGGGCUU U AUGGCAAU	677	AUUGCCAU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAA	15985
5060	UGGGCUUU A UGGCAAUG	678	CAUUGCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCCCA	15986
5073	AAUGGAGU C AUAAUGCC	679	GGCAUUAU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUU	15987
5076	GGAGUCAU A AUGCCCAA	680	UUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AUGACUCC	15988
5090	CAACGGCU C AUACAUAA	681	UUAUGUAU CUGAUGAG GCCGUUAGGC CGAA AGCCGUUG	15989
5093	CGGCUCAU A CAUAAGCG	682	CGCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCG	15990
5106	UCAUACAU A AGCGCGAU	683	AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA AUGUAUGA	15991
5136	AGCGCGAU A GUGCAGGG GAGCCAAU C CCAGCCGG	684	CCCUGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCGCU	15992
5147	AGCCGGAU U CGAACCUG	685	CCGGCUGG CUGAUGAG GCCGUUAGGC CGAA AUUGGCUC	15993
5148	GCCGGAUU C GAACCUGA	686	CAGGUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCGGCU	15994
5178	AAACAGAU C ACUGUACU	687	UCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AAUCCGGC	15995
5184	AUCACUGU A CUGGAUCU	688	AGUACAGU CUGAUGAG GCCGUUAGGC CGAA AUCUGUUU	15996
		689	AGAUCCAG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAU	15997

5191	UACUGGAU C UCCAUCCC	690	GGGAUGGA CUGAUGAG GCCGUUAGGC CGAA AUCCAGUA	1 25000
5193	CUGGAUCU C CAUCCCGG	691		15998
5197	AUCUCCAU C CCGGCGCC	692		15999
5209		693	100010710	16000
5223			CCUUGUUU CUGAUGAG GCCGUUAGGC CGAA ACCGGCGC	16001
5224		694	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA AUCCUCCU	16002
		695	CUGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAUCCUCC	16003
5235		696	UCUUUGAU CUGAUGAG GCCGUUAGGC CGAA AUCUGUGG	16004
5238		697	GCCUCUUU CUGAUGAG GCCGUUAGGC CGAA AUGAUCUG	16005
5250	GAGGCCAU A AACAGAAG	698	CUUCUGUU CUGAUGAG GCCGUUAGGC CGAA AUGGCCUC	
5277	GCCGUGCU A GCACCAAC	699	GUUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGCACGGC	16006
5292	ACCAGGGU U GUGGCUGC	700		16007
5334	CUGCCCAU C CGGUACCA	701		16008
5339	CAUCCGGU A CCAGACAU	702		16009
5348	CCAGACAU C CGCAGUGC	<del> </del>	AUGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGGAUG	16010
5368		703	GCACUGCG CUGAUGAG GCCGUUAGGC CGAA AUGUCUGG	16011
	GAGAACAU A AUGGAAAU	704	AUUUCCAU CUGAUGAG GCCGUUAGGC CGAA AUGUUCUC	16012
5382	AAUGAGAU U GUUGAUGU	705	ACAUCAAC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	16013
5385	GAGAUUGU U GAUGUCAU	706	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA ACAAUCUC	16014
5391	GUUGAUGU C AUGUGUCA	707	UGACACAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC	16015
5398	UCAUGUGU C AUGCUACC	708	GGUAGCAU CUGAUGAG GCCGUUAGGC CGAA ACACAUGA	
5404	GUCAUGCU A CCCUCACC	709	COVER CONTRACTOR	16016
5409	GCUACCCU C ACCCACAG	710	CHICAGO	16017
5426	GCUGAUGU C UCCUCACA	711	Harras ags.	16018
5428	UGAUGUCU C CUCACAGG	712	UGUGAGGA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGC	16019
5431	UGUCUCCU C ACAGGGUG		CCUGUGAG CUGAUGAG GCCGUUAGGC CGAA AGACAUCA	16020
5447	·	713	CACCCUGU CUGAUGAG GCCGUUAGGC CGAA AGGAGACA	16021
	GCCGAACU A CAACCUGU	714	ACAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGUUCGGC	16022
5456	. CAACCUGU U CGUGAUGG	715	CCAUCACG CUGAUGAG GCCGUUAGGC CGAA ACAGGUUG	16023
5457	AACCUGUU C GUGAUGGA	716	UCCAUCAC CUGAUGAG GCCGUUAGGC CGAA AACAGGUU	16024
5473	AUGAGGCU C AUUUCACC	717	GGUGAAAU CUGAUGAG GCCGUUAGGC CGAA AGCCUCAU	16025
5476	AGGCUCAU U UCACCGAC	718	GUCGGUGA CUGAUGAG GCCGUUAGGC CGAA AUGAGCCU	
5477	GGCUCAUU U CACCGACC	719	GGUCGGUG CUGAUGAG GCCGUUAGGC CGAA AAUGAGCC	16026
5478	GCUCAUUU C ACCGACCC	720	GGGUCGGU CUGAUGAG GCCGUUAGGC CGAA AAAUGAGCC	16027
5491	ACCCAGCU A GCAUUGCA	721	777773 37777	16028
5496	GCUAGCAU U GCAGCAAG	722		16029
5509	CAAGAGGU U ACAUUUCC	723	CUUGCUGC CUGAUGAG GCCGUUAGGC CGAA AUGCUAGC	16030
5510	AAGAGGUU A CAUUUCCA		GGAAAUGU CUGAUGAG GCCGUUAGGC CGAA ACCUCUUG	16031
5514		724	UGGAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUCUU	16032
5515	GGUUACAU U UCCACAAA	725	UUUGUGGA CUGAUGAG GCCGUUAGGC CGAA AUGUAACC	16033
	GUUACAUU U CCACAAAG	726	CUUUGUGG CUGAUGAG GCCGUUAGGC CGAA AAUGUAAC	16034
5516	UUACAUUU C CACAAAGG	727	CCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AAAUGUAA	16035
5526	ACAAAGGU C GAGCUAGG	728	CCUAGCUC CUGAUGAG GCCGUUAGGC CGAA ACCUUUGU	16036
5532	GUCGAGCU A GGGGAGGC	729	GCCUCCCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	<del></del>
5550	GCGGCAAU A UUCAUGAC	730	GUCAUGAA CUGAUGAG GCCGUUAGGC CGAA AUUGCCGC	16037
5552	GGCAAUAU U CAUGACAG	731	CUGUCAUG CUGAUGAG GCCGUUAGGC CGAA AUAUUGCC	16038
5553	GCAAUAUU C AUGACAGC	732	GCUGUCAU CUGAUGAG GCCGUUAGGC CGAA AAUAUUGC	16039
5578	CAGGCACU U CAGAUCCA	733	UGGAUGIG CUCAUGAG GCCGUUAGGC CGAA AADAUUGC	16040
5579	AGGCACUU C AGAUCCAU	734	UGGAUCUG CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16041
5584	CUUCAGAU C CAUUCCCA	735	AUGGAUCU CUGAUGAG GCCGUUAGGC CGAA AAGUGCCU	16042
5588	AGAUCCAU U CCCAGAGU		UGGGAAUG CUGAUGAG GCCGUUAGGC CGAA AUCUGAAG	16043
5589	GAUCCAUU C CCAGAGUC	736	ACUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUGGAUCU	16044
5597		737	GACUCUGG CUGAUGAG GCCGUUAGGC CGAA AAUGGAUC	16045
	CCCAGAGU C CAAUUCAC	738	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUCUGGG	16046
5602	AGUCCAAU U CACCAAUU	739	AAUUGGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	16047
5603	GUCCAAUU C ACCAAUUU	740	AAAUUGGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGAC	16048
5610	UCACCAAU U UCCGACUU	741	AAGUCGGA CUGAUGAG GCCGUUAGGC CGAA AUUGGUGA	
5611	CACCAAUU U CCGACUUA	742	UAAGUCGG CUGAUGAG GCCGUUAGGC CGAA AAUUGGUG	16049
5612	ACCAAUUU C CGACUUAC	743	GUAAGUCG CUGAUGAG GCCGUUAGGC CGAA AAAUUGGU	16050
5618	UUCCGACU U ACAGACUG	744	CACHICHEL CHANGAG GCCGOUAGGC CGAA AAAUUGGU	16051
5619	UCCGACUU A CAGACUGA	745	CAGUCUGU CUGAUGAG GCCGUUAGGC CGAA AGUCGGAA	16052
5631	ACUGAGAU C CCGGAUCG	746	UCAGUCUG CUGAUGAG GCCGUUAGGC CGAA AAGUCGGA	16053
5638	UCCCGGAU C GAGCUUGG		CGAUCCGG CUGAUGAG GCCGUUAGGC CGAA AUCUCAGU	16054
5644	AUCGAGCU U GGAACUCU	747	CCAAGCUC CUGAUGAG GCCGUUAGGC CGAA AUCCGGGA	16055
5651		748	AGAGUUCC CUGAUGAG GCCGUUAGGC CGAA AGCUCGAU	16056
	UUGGAACU C UGGAUACG	749	CGUAUCCA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAA	16057
5657	CUCUGGAU A CGAAUGGA	750	UCCAUUCG CUGAUGAG GCCGUUAGGC CGAA AUCCAGAG	16058
5667	GAAUGGAU C ACAGAAUA	751	UAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUCCAUUC	16059
5675	CACAGAAU A CACCGGGA	752	UCCCGGUG CUGAUGAG GCCGUUAGGC CGAA AUUCUGUG	
			TO TO THE TOTAL OF	16060

#### Table III

5691	AAGACGGU U UGGUUUGU	753	ACAAACCA CUGAUGAG GCCGUUAGGC CGAA ACCGUCUU	1 2000
		<del></del>		16061
5692	AGACGGUU U GGUUUGUG	754	CACAAACC CUGAUGAG GCCGUUAGGC CGAA AACCGUCU	16062
5696	GGUUUGGU U UGUGCCUA	755	UAGGCACA CUGAUGAG GCCGUUAGGC CGAA ACCAAACC	16063
5697	GUUUGGUU U GUGCCUAG	756	CUAGGCAC CUGAUGAG GCCGUUAGGC CGAA AACCAAAC	16064
		<del>}</del>		+
5704	UUGUGCCU A GUGUCAAG	757	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA AGGCACAA	16065
5709	CCUAGUGU C AAGAUGGG	758	CCCAUCUU CUGAUGAG GCCGUUAGGC CGAA ACACUAGG	16066
5727	AAUGAGAU U GCCCUUUG	759	CAAAGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUCAUU	16067
5733	AUUGCCCU U UGCCUACA	760	UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGGGCAAU	
	<del></del>			16068
5734	UUGCCCUU U GCCUACAA	761	UUGUAGGC CUGAUGAG GCCGUUAGGC CGAA AAGGGCAA	16069
5739	CUUUGCCU A CAACGUGC	762	GCACGUUG CUGAUGAG GCCGUUAGGC CGAA AGGCAAAG	16070
5760	AAGAAAGU A GUCCAAUU	763	AAUUGGAC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUU	16071
5763	AAAGUAGU C CAAUUGAA	764	UUCAAUUG CUGAUGAG GCCGUUAGGC CGAA ACUACUUU	<del></del>
	<del></del>		<del></del>	16072
5768	AGUCCAAU U GAACAGAA	765	UUCUGUUC CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	16073
5780	CAGAAAGU C GUACGAGA	766	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	16074
5783	AAAGUCGU A CGAGACGG	767	CCGUCUCG CUGAUGAG GCCGUUAGGC CGAA ACGACUUU	16075
5795	GACGGAGU A CCCAAAAU	768	AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA ACUCCGUC	<del></del>
<del></del>	· <del> </del>		<u> </u>	16076
5806	CAAAAUGU A AGAACGAU	769	AUCGUUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUUUG	16077
5818	ACGAUGAU U GGGACUUU	770	AAAGUCCC CUGAUGAG GCCGUUAGGC CGAA AUCAUCGU	16078
5825	UUGGGACU U UGUUAUCA	771	UGAUAACA CUGAUGAG GCCGUUAGGC CGAA AGUCCCAA	16079
5826	UGGGACUU U GUUAUCAC	772	GUGAUAAC CUGAUGAG GCCGUUAGGC CGAA AAGUCCCA	<b>└</b>
5829	GACUUUGU U AUCACAAC			16080
	<del></del>	773	GUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ACAAAGUC	16081
5830	ACUUUGUU A UCACAACA	774	UGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AACAAAGU	16082
5832	UUUGUUAU C ACAACAGA	775	UCUGUUGU CUGAUGAG GCCGUUAGGC CGAA AUAACAAA	16083
5844	ACAGACAU A UCUGAAAU	776	AUUUCAGA CUGAUGAG GCCGUUAGGC CGAA AUGUCUGU	16084
5846	AGACAUAU C UGAAAUGG	777		<del></del>
			CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA AUAUGUCU	16085
5860	UGGGGCU A ACUUCAAG	778	CUUGAAGU CUGAUGAG GCCGUUAGGC CGAA AGCCCCCA	16086
5864	GGCUAACU U CAAGGCGA	779	UCGCCUUG CUGAUGAG GCCGUUAGGC CGAA AGUUAGCC	16087
5865	GCUAACUU C AAGGCGAG	780	CUCGCCUU CUGAUGAG GCCGUUAGGC CGAA AAGUUAGC	16088
5883	AGGGUGAU U GACAGCCG	781	CGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AUCACCCU	16089
5913	CCAACCAU C AUAACAGA	782	<del></del>	
	<del></del>		UCUGUUAU CUGAUGAG GCCGUUAGGC CGAA AUGGUUGG	16090
5916	ACCAUCAU A ACAGAAGG	783	CCUUCUGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGGU	16091
5940	AGAGUGAU C CUGGGAGA	784	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUCACUCU	16092
5954	AGAACCAU C UGCAGUGA	785	UCACUGCA CUGAUGAG GCCGUUAGGC CGAA AUGGUUCU	16093
5971	CAGCAGCU A GUGCCGCC	786	GGCGGCAC CUGAUGAG GCCGUUAGGC CGAA AGCUGCUG	16094
5995	GUGGACGU A UCGGUAGA	787	UCUACCGA CUGAUGAG GCCGUUAGGC CGAA ACGUCCAC	<del></del>
5997	GGACGUAU C GGUAGAAA			16095
<del></del>		788	UUUCUACC CUGAUGAG GCCGUUAGGC CGAA AUACGUCC	16096
6001	GUAUCGGU A GAAAUCCG	789	CGGAUUUC CUGAUGAG GCCGUUAGGC CGAA ACCGAUAC	16097
6007	GUAGAAAU C CGUCGCAA	790	UUGCGACG CUGAUGAG GCCGUUAGGC CGAA AUUUCUAC	16098
6011	AAAUCCGU C GCAAGUUG	791	CAACUUGC CUGAUGAG GCCGUUAGGC CGAA ACGGAUUU	16099
6018	UCGCAAGU U GGUGAUGA	792	UCAUCACC CUGAUGAG GCCGUUAGGC CGAA ACUUGCGA	16100
6029	UGAUGAGU A CUGUUAUG	793		
$\overline{}$			CAUAACAG CUGAUGAG GCCGUUAGGC CGAA ACUCAUCA	16101
6034	AGUACUGU U AUGGGGGG	794	CCCCCCAU CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16102
6035	GUACUGUU A UGGGGGGC	795	GCCCCCCA CUGAUGAG GCCGUUAGGC CGAA AACAGUAC	16103
6062	AGACGACU C GAACUUCG	796	CGAAGUUC CUGAUGAG GCCGUUAGGC CGAA AGUCGUCU	16104
6068	CUCGAACU U CGCCCAUU	797	AAUGGGCG CUGAUGAG GCCGUUAGGC CGAA AGUUCGAG	
				16105
6069	UCGAACUU C GCCCAUUG	798	CAAUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGUUCGA	16106
6076	UCGCCCAU U GGACUGAG	799	CUCAGUCC CUGAUGAG GCCGUUAGGC CGAA AUGGGCGA	16107
6093	GCACGAAU C AUGCUGGA	800	UCCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUUCGUGC	16108
6108	GACAACAU C AACAUGCC	801	GGCAUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUUGUC	16109
6129	GGACUGAU C GCUCAAUU	802	AAUUGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAGUCC	
<u> </u>				16110
6133	UGAUCGCU C AAUUCUAC	803	GUAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGCGAUCA	16111
6137	CGCUCAAU U CUACCAAC	804	GUUGGUAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGCG	16112
6138	GCUCAAUU C UACCAACC	805	GGUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGC	16113
6140	UCAAUUCU A CCAACCAG	806	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	16114
6162	GAGAAGGU A UAUACCAU	807		
6164	GAAGGUAU A UACCAUGG		AUGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUC	16115
		808	CCAUGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCUUC	16116
6166	AGGUAUAU A CCAUGGAU	809	AUCCAUGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCU	16117
6182	UGGGGAAU A CCGGCUCA	810	UGAGCCGG CUGAUGAG GCCGUUAGGC CGAA AUUCCCCA	16118
6189	UACCGGCU C AGAGGAGA	811	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA AGCCGGUA	16119
6212	AAAAAACU U UCUGGAAC	812	GUUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGUUUUUU	
6213	AAAAACUU U CUGGAACU			16120
		813	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGUUUUU	16121
6214	AAAACUUU C UGGAACUG	814	CAGUUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGUUUU	16122
6224	GGAACUGU U GAGGACUG	815	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACAGUUCC	16123

			Table III	U
6238	CUGCAGAU C UGCCAGUU	816	AACUGGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCAG	16124
6246	CUGCCAGU U UGGCUGGC	817	GCCAGCCA CUGAUGAG GCCGUUAGGC CGAA ACUGGCAG	16125
6247	UGCCAGUU U GGCUGGCU	818	AGCCAGCC CUGAUGAG GCCGUUAGGC CGAA AACUGGCA	16126
6256	GGCUGGCU U ACAAGGUU	819	AACCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCCAGCC	16127
6257	GCUGGCUU A CAAGGUUG	820	CAACCUUG CUGAUGAG GCCGUUAGGC CGAA AAGCCAGC	16128
6264	UACAAGGU U GCAGCGGC	821	GCCGCUGC CUGAUGAG GCCGUUAGGC CGAA ACCUUGUA	16129
6281	UGGAGUGU C AUACCACG	822	CGUGGUAU CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	16130
6284	AGUGUCAU A CCACGACC	823	GGUCGUGG CUGAUGAG GCCGUUAGGC CGAA AUGACACU	16131
6305	GUGGUGCU U UGAUGGUC	824	GACCAUCA CUGAUGAG GCCGUUAGGC CGAA AGCACCAC	16132
6306	UGGUGCUU U GAUGGUCC	825	GGACCAUC CUGAUGAG GCCGUUAGGC CGAA AAGCACCA	16133
6313	UUGAUGGU C CUAGGACA	826	UGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCAA	16134
6316	AUGGUCCU A GGACAAAC	827	GUUUGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACCAU	16135
6331	AACACAAU U UUAGAAGA ACACAAUU U UAGAAGAC	828	UCUUCUAA CUGAUGAG GCCGUUAGGC CGAA AUUGUGUU	16136
6332	CACAAUUU U AGAAGACA	829	GUCUUCUA CUGAUGAG GCCGUUAGGC CGAA AAUUGUGU	16137
6333	ACAAUUUU A GAAGACAA	831	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA AAAUUGUG	16138
6357	GUGGAAGU C AUCACGAA	832	UUGUCUUC CUGAUGAG GCCGUUAGGC CGAA AAAAUUGU	16139
6360	GAAGUCAU C ACGAAGCU	833	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAC AGCUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGACUUC	16140
6369	ACGAAGCU U GGUGAAAG	834	CUUUCACC CUGAUGAG GCCGUUAGGC CGAA AGCUUCGU	16141
6384	AGGAAGAU U CUGAGGCC	835	GGCCUCAG CUGAUGAG GCCGUUAGGC CGAA AUCUUCCU	16142
6385	GGAAGAUU C UGAGGCCG	836	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUCUUCC	16143
6402	CGCUGGAU U GACGCCAG	837	CUGGCGUC CUGAUGAG GCCGUUAGGC CGAA AUCCAGCG	16144
6416	CAGGGUGU A CUCGGAUC	838	GAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ACACCCUG	16145
6419	GGUGUACU C GGAUCACC	839	GGUGAUCC CUGAUGAG GCCGUUAGGC CGAA AGUACACC	16147
6424	ACUCGGAU C ACCAGGCA	840	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA AUCCGAGU	16148
6435	CAGGCACU A AAGGCGUU	841	AACGCCUU CUGAUGAG GCCGUUAGGC CGAA AGUGCCUG	16149
6443	AAAGGCGU U CAAGGACU	842	AGUCCUUG CUGAUGAG GCCGUUAGGC CGAA ACGCCUUU	16150
6444	AAGGCGUU C AAGGACUU	843	AAGUCCUU CUGAUGAG GCCGUUAGGC CGAA AACGCCUU	16151
6452	CAAGGACU U CGCCUCGG	844	CCGAGGCG CUGAUGAG GCCGUUAGGC CGAA AGUCCUUG	16152
6453	AAGGACUU C GCCUCGGG	845	CCCGAGGC CUGAUGAG GCCGUUAGGC CGAA AAGUCCUU	16153
6458	CUUCGCCU C GGGAAAAC	846	GUUUUCCC CUGAUGAG GCCGUUAGGC CGAA AGGCGAAG	16154
6470	GAAAACGU U CUCAGAUA AAAACGUU C UCAGAUAG	847	UAUCUGAG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUC	16155
6472	AACGUUCU C AGAUAGGG	848	CUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AACGUUUU	16156
6477	UCUCAGAU A GGGCUCAU	850	CCCUAUCU CUGAUGAG GCCGUUAGGC CGAA AGAACGUU	16157
6483	AUAGGCU C AUUGAGGU	851	AUGAGCCC CUGAUGAG GCCGUUAGGC CGAA AUCUGAGA ACCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGCCCUAU	16158
6486	GGGCUCAU U GAGGUUCU	852	AGAACCUC CUGAUGAG GCCGUUAGGC CGAA AGCCCUAU	16159
6492	AUUGAGGU U CUGGGAAA	853	UUUCCCAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16160
6493	UUGAGGUU C UGGGAAAG	854	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA AACCUCAA	16161
6515	UGAGCACU U CAUGGGGA	855	UCCCCAUG CUGAUGAG GCCGUUAGGC CGAA AGUGCUCA	16163
6516	GAGCACUU C AUGGGGAA	856	UUCCCCAU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUC	16164
6540	GAAGCACU U GACACCAU	857	AUGGUGUC CUGAUGAG GCCGUUAGGC CGAA AGUGCUUC	16165
6551	CACCAUGU A CGUUGUGG	858	CCACAACG CUGAUGAG GCCGUUAGGC CGAA ACAUGGUG	16166
6555	AUGUACGU U GUGGCCAC	859	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ACGUACAU	16167
6586	GAAGAGCU C ACAGAAUG	860	CAUUCUGU CUGAUGAG GCCGUUAGGC CGAA AGCUCUUC	16168
6619 6621	CAGAUGCU C UUCAGACA	861	UGUCUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUCUG	16169
6622	GAUGCUCU U CAGACAAU	862	AUUGUCUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUC	16170
6630	AUGCUCUU C AGACAAUU CAGACAAU U GCCUUGAU	863	AAUUGUCU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU	16171
6635	AAUUGCCU U GAUUGCCU	864	AUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AUUGUCUG	16172
6639	GCCUUGAU U GCCUUAUU	866	AGGCAAUC CUGAUGAG GCCGUUAGGC CGAA AGGCAAUU	16173
6644	GAUUGCCU U AUUGAGUG	867	AAUAAGGC CUGAUGAG GCCGUUAGGC CGAA AUCAAGGC	16174
6645	AUUGCCUU A UUGAGUGU	868	CACUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGCAAUC ACACUCAA CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU	16175
6647	UGCCUUAU U GAGUGUGA	869	UCACACUC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAU UCACACUC CUGAUGAG GCCGUUAGGC CGAA AUAAGGCA	16176
6669	AUGGGAGU A UUCUUCCU	870	AGGAAGAA CUGAUGAG GCCGUUAGGC CGAA ACUCCCAU	16177
6671	GGGAGUAU U CUUCCUCC	871	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUACUCCC	16178
6672	GGAGUAUU C UUCCUCCU	872	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUACUCC	16179
6674	AGUAUUCU U CCUCCUCA	873	UGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AGAAUACU	16181
6675	GUAUUCUU C CUCCUCAU	874	AUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUAC	16182
6678	UUCUUCCU C CUCAUGCA	875	UGCAUGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA	16183
6681	UUCCUCCU C AUGCAGCG	876	CGCUGCAU CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	16184
6699	AAGGGCAU U GGAAAGAU	877	AUCUUUCC CUGAUGAG GCCGUUAGGC CGAA AUGCCCUU	16185
3708	GGAAAGAU A GGUUUGGG	878	CCCAAACC CUGAUGAG GCCGUUAGGC CGAA AUCUUUCC	16186
			75	

### Table III

			•	
6712	AGAUAGGU U UGGGAGGC	879	GCCUCCCA CUGAUGAG GCCGUUAGGC CGAA ACCUAUCU	116100
6713	GAUAGGUU U GGGAGGCG	880	CGCCUCCC CUGAUGAG GCCGUUAGGC CGAA AACCUAUC	16187
6726	GGCGCUGU C UUGGGAGU	881	100000000000000000000000000000000000000	16188
6728	CGCUGUCU U GGGAGUCG	882	201 011000	16189
6735	UUGGGAGU C GCGACCUU	883	11 Carroad Carros	16190
6743	CGCGACCU U UUUCUGUU		AAGGUCGC CUGAUGAG GCCGUUAGGC CGAA ACUCCCAA	16191
6744	GCGACCUU U UUCUGUUG	884	AACAGAAA CUGAUGAG GCCGUUAGGC CGAA AGGUCGCG	16192
	<del></del>	885	CAACAGAA CUGAUGAG GCCGUUAGGC CGAA AAGGUCGC	16193
6745	CGACCUUU U UCUGUUGG	886	CCAACAGA CUGAUGAG GCCGUUAGGC CGAA AAAGGUCG	16194
6746	GACCUUUU U CUGUUGGA	887	UCCAACAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGUC	16195
6747	ACCUUUUU C UGUUGGAU	888	AUCCAACA CUGAUGAG GCCGUUAGGC CGAA AAAAAGGU	16196
6751	UUUUCUGU U GGAUGGCU	889	AGCCAUCC CUGAUGAG GCCGUUAGGC CGAA ACAGAAAA	
6765	GCUGAAGU U CCAGGAAC	890		16197
6766	CUGAAGUU C CAGGAACG	891		16198
6780	ACGAAGAU C GCCGGAAU	892	VINCOUR CONTRACTOR OF THE PROPERTY OF THE PROP	16199
6791	CGGAAUGU U GCUGCUCU		AUUCCGGC CUGAUGAG GCCGUUAGGC CGAA AUCUUCGU	16200
6798		893	AGAGCAGC CUGAUGAG GCCGUUAGGC CGAA ACAUUCCG	16201
6800	UUGCUGCU C UCCCUUCU	894	AGAAGGGA CUGAUGAG GCCGUUAGGC CGAA AGCAGCAA	16202
	GCUGCUCU C CCUUCUCU	895	AGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGC	16203
6804	CUCUCCCU U CUCUUGAU	896	AUCAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG	16204
6805	UCUCCCUU C UCUUGAUG	897	CAUCAAGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA	16205
6807	UCCCUUCU C UUGAUGAU	898	AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA	16206
6809	CCUUCUCU U GAUGAUUG	899	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA AGAGAAGG	+
6816	UUGAUGAU U GUGCUAAU	900	17777 000 0	16207
6822	AUUGUGCU A AUUCCUGA	901	T	16208
6825	GUGCUAAU U CCUGAGCC	902	UCAGGAAU CUGAUGAG GCCGUUAGGC CGAA AGCACAAU	16209
6826	UGCUAAUU C CUGAGCCA	+	GGCUCAGG CUGAUGAG GCCGUUAGGC CGAA AUUAGCAC	16210
6847	AGCAACGU U CGCAGACA	903	UGGCUCAG CUGAUGAG GCCGUUAGGC CGAA AAUUAGCA	16211
6848		904	UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUGCU	16212
	GCAACGUU C GCAGACAG	905	CUGUCUGC CUGAUGAG GCCGUUAGGC CGAA AACGUUGC	16213
6867	AACCAGCU A GCCGUGUU	906	AACACGGC CUGAUGAG GCCGUUAGGC CGAA AGCUGGUU	16214
6875	AGCCGUGU U CCUGAUUU	907	AAAUCAGG CUGAUGAG GCCGUUAGGC CGAA ACACGGCU	16215
6876	GCCGUGUU C CUGAUUUG	908	CAAAUCAG CUGAUGAG GCCGUUAGGC CGAA AACACGGC	16216
6882	UUCCUGAU U UGUGUCAU	909	AUGACACA CUGAUGAG GCCGUUAGGC CGAA AUCAGGAA	+
6883	UCCUGAUU U GUGUCAUG	910	CAUGACAC CUGAUGAG GCCGUUAGGC CGAA AAUCAGGA	16217
6888	AUUUGUGU C AUGACCCU	911	100000000000000000000000000000000000000	16218
6897	AUGACCCU U GUGAGCGC	912	COORTON C. COLONIA	16219
6928	AGAUGGGU U GGCUAGAU	913	Nivers and an arrangement of the second of t	16220
6933	GGUUGGCU A GAUAAGAC	914	AUCUAGCC CUGAUGAG GCCGUUAGGC CGAA ACCCAUCU	16221
6937	GGCUAGAU A AGACCAAG	+	GUCUUAUC CUGAUGAG GCCGUUAGGC CGAA AGCCAACC	16222
6954	AGUGACAU A AGCAGUUU	915	CUUGGUCU CUGAUGAG GCCGUUAGGC CGAA AUCUAGCC	16223
6961		916	AAACUGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCACU	16224
-	UAAGCAGU U UGUUUGGG	917	CCCAAACA CUGAUGAG GCCGUUAGGC CGAA ACUGCUUA	16225
6962	AAGCAGUU U GUUUGGGC	918	GCCCAAAC CUGAUGAG GCCGUUAGGC CGAA AACUGCUU	16226
6965	CAGUUUGU U UGGGCAAA	919	UUUGCCCA CUGAUGAG GCCGUUAGGC CGAA ACAAACUG	16227
6966	AGUUUGUU U GGGCAAAG	920	CUUUGCCC CUGAUGAG GCCGUUAGGC CGAA AACAAACU	16228
6978	CAAAGAAU U GAGGUCAA	921	UUGACCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUUUG	
6984	AUUGAGGU C AAGGAGAA	922	UUCUCCUU CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU	16229
6994	AGGAGAAU U UCAGCAUG	923	CAUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCU	16230
6995	GGAGAAUU U CAGCAUGG	924	CCAUGCIG CUGANGAS GCCGGGAGGC CGAA AUUCUCCU	16231
6996	GAGAAUUU C AGCAUGGG	925	CCAUGCUG CUGAUGAG GCCGUUAGGC CGAA AAUUCUCC	16232
7010	GGGAGAGU U UCUUUUGG	926	CCCAUGCU CUGAUGAG GCCGUUAGGC CGAA AAAUUCUC	16233
7011	GGAGAGUU U CUUUUGGA		CCAAAAGA CUGAUGAG GCCGUUAGGC CGAA ACUCUCCC	16234
7012	GAGAGUUU C UUUUGGAC	927	UCCAAAAG CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16235
7014		928	GUCCAAAA CUGAUGAG GCCGUUAGGC CGAA AAACUCUC	16236
	GAGUUUCU U UUGGACUU	929	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAAACUC	16237
7015	AGUUUCUU U UGGACUUG	930	CAAGUCCA CUGAUGAG GCCGUUAGGC CGAA AAGAAACU	16238
7016	GUUUCUUU U GGACUUGA	931	UCAAGUCC CUGAUGAG GCCGUUAGGC CGAA AAAGAAAC	16239
7022	UUUGGACU U GAGGCCGG	932	CCGGCCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCAAA	
7043	AGCCUGGU C ACUGUACG	933	CGUACAGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGCU	16240
7049	GUCACUGU A CGCUGUGA	934	UCACAGCG CUGAUGAG GCCGUUAGGC CGAA ACAGUGAC	16241
7068	ACAGCGGU C CUCACUCC	935	GGAGUGAG CUGANICAG COCCUTA COC	16242
7071	GCGGUCCU C ACUCCACU	936	GGAGUGAG CUGAUGAG GCCGUUAGGC CGAA ACCGCUGU	16243
7075	UCCUCACU C CACUGCUA	937	AGUGGAGU CUGAUGAG GCCGUUAGGC CGAA AGGACCGC	16244
7083	CCACUGCU A AAGCAUUU		UAGCAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGAGGA	16245
7090	UAAAGCAU U UGAUCACG	938	AAAUGCUU CUGAUGAG GCCGUUAGGC CGAA AGCAGUGG	16246
7091		939	CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AUGCUUUA	16247
	AAAGCAUU U GAUCACGU	940	ACGUGAUC CUGAUGAG GCCGUUAGGC CGAA AAUGCUUU	16248
7095	CAUUUGAU C ACGUCAGA	941	UCUGACGU CUGAUGAG GCCGUUAGGC CGAA AUCAAAUG	16249
		_		

			Table III	,
7100	GAUCACGU C AGAUUACA	942	UGUAAUCU CUGAUGAG GCCGUUAGGC CGAA ACGUGAUC	1 1 50 50
7105	CGUCAGAU U ACAUCAAC	943	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUCUGACG	16250
7106	GUCAGAUU A CAUCAACA	944	UGUUGAUG CUGAUGAG GCCGUUAGGC CGAA AAUCUGAC	16251
7110	GAUUACAU C AACACCUC	945	GAGGUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUAAUC	16252
7118	CAACACCU C AUUGACCU	946	AGGUCAAU CUGAUGAG GCCGUUAGGC CGAA AGGUGUUG	16253
7121	CACCUCAU U GACCUCAA	947	UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AUGAGGUG	16254
7127	AUUGACCU C AAUAAACG	948	CGUUUAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAU	16255
7131	ACCUCAAU A AACGUUCA	949	UGAACGUU CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU	16256
7137	AUAAACGU U CAGGCAAG	950	CUUGCCUG CUGAUGAG GCCGUUAGGC CGAA ACGUUUAU	16257
7138	UAAACGUU C AGGCAAGU	951	ACUUGCCU CUGAUGAG GCCGUUAGGC CGAA AACGUUUA	16258
7152	AGUGCACU A UUCACACU	952	AGUGUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGCACU	16259
7154	UGCACUAU U CACACUCG	953	CGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA	16260
7155	GCACUAUU C ACACUCGC	954	GCGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGUGC	16261
7161	UUCACACU C GCGCGAGG	955	CCUCGCGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA	16262
7172	GCGAGGCU U CCCCUUCG	956	CGAAGGG CUGAUGAG GCCGUUAGGC CGAA AGCCUCGC	16263
7173	CGAGGCUU C CCCUUCGU	957	ACGAAGGG CUGAUGAG GCCGUUAGGC CGAA AAGCCUCG	16264
7178	CUUCCCCU U CGUCGAUG	958	CAUCGACG CUGAUGAG GCCGUUAGGC CGAA AGGGGAAG	16265
7179	UUCCCCUU C GUCGAUGU	959	ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA AAGGGGAA	16267
7182	CCCUUCGU C GAUGUUGG	960	CCAACAUC CUGAUGAG GCCGUUAGGC CGAA ACGAAGGG	16268
7188	GUCGAUGU U GGAGUGUC	961	GACACUCC CUGAUGAG GCCGUUAGGC CGAA ACAUCGAC	16269
7196	UGGAGUGU C GGCUCUCC	962	GGAGAGCC CUGAUGAG GCCGUUAGGC CGAA ACACUCCA	16270
7201	UGUCGGCU C UCCUGCUA	963	UAGCAGGA CUGAUGAG GCCGUUAGGC CGAA AGCCGACA	16271
7203	UCGGCUCU C CUGCUAGC	964	GCUAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAGCCGA	16272
7209	CUCCUGCU A GCAGCCGG	965	CCGGCUGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGAG	16273
7233	GGACAAGU C ACCCUCAC	966	GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC	16274
7239	GUCACCCU C ACCGUUAC	967	GUAACGGU CUGAUGAG GCCGUUAGGC CGAA AGGGUGAC	16275
7245	CUCACCGU U ACGGUAAC	968	GUUACCGU CUGAUGAG GCCGUUAGGC CGAA ACGGUGAG	16276
7246	UCACCGUU A CGGUAACA	969	UGUUACCG CUGAUGAG GCCGUUAGGC CGAA AACGGUGA	16277
7251	GUUACGGU A ACAGCGGC	970	GCCGCUGU CUGAUGAG GCCGUUAGGC CGAA ACCGUAAC	16278
7266	GCAACACU C CUUUUUUG	971	CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUGC	16279
7269	ACACUCCU U UUUUGCCA	972	UGGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU	16280
7270	CACUCCUU U UUUGCCAC	973	GUGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG	16281
7271	ACUCCUUU U UUGCCACU	974	AGUGGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGU	16282
7272	CUCCUUUU U UGCCACUA	975	UAGUGGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAG	16283
7273	UCCUUUU U GCCACUAU	976	AUAGUGGC CUGAUGAG GCCGUUAGGC CGAA AAAAAGGA	16284
7280	UUGCCACU A UGCCUACA	977	UGUAGGCA CUGAUGAG GCCGUUAGGC CGAA AGUGGCAA	16285
7286	CUAUGCCU A CAUGGUUC	978	GAACCAUG CUGAUGAG GCCGUUAGGC CGAA AGGCAUAG	16286
7293	UACAUGGU U CCCGGUUG	979	CAACCGGG CUGAUGAG GCCGUUAGGC CGAA ACCAUGUA	16287
7294	ACAUGGUU C CCGGUUGG	980	CCAACCGG CUGAUGAG GCCGUUAGGC CGAA AACCAUGU	16288
7300	UUCCCGGU U GGCAAGCU	981	AGCUUGCC CUGAUGAG GCCGUUAGGC CGAA ACCGGGAA	16289
7350	AAUGCGCU C AGCCCAGC GCCGGAAU C AUGAAGAA	982	GCUGGGCU CUGAUGAG GCCGUUAGGC CGAA AGCGCAUU	16290
7365		983	UUCUUCAU CUGAUGAG GCCGUUAGGC CGAA AUUCCGGC	16291
7377	AACGCUGU A GUGGAUGG GAUGGCAU C GUGGCCAC	984	CCAUCCAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGUU	16292
7392	ACGGACGU C CCAGAAUU	985	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCAUC	16293
7400	CCCAGAAU U AGAGCGCA	986	AAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCCGU	16294
7401	CCAGAAUU A GAGCGCAC	987	UGCGCUCU CUGAUGAG GCCGUUAGGC CGAA AUUCUGGG	16295
7419	ACACCCAU C AUGCAGAA	988	GUGCGCUC CUGAUGAG GCCGUUAGGC CGAA AAUUCUGG	16296
7434	AAGAAAGU U GGACAGAU	990	UUCUGCAU CUGAUGAG GCCGUUAGGC CGAA AUGGGUGU	16297
7443	GGACAGAU C AUGCUGAU	991	AUCUGUCC CUGAUGAG GCCGUUAGGC CGAA ACUUUCUU	16298
7452	AUGCUGAU C UUGGUGUC	992	AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA AUCUGUCC	16299
7454	GCUGAUCU U GGUGUCUC	993	GACACCAA CUGAUGAG GCCGUUAGGC CGAA AUCAGCAU	16300
7460	CUUGGUGU C UCUAGCUG	993	GAGACACC CUGAUGAG GCCGUUAGGC CGAA AGAUCAGC	16301
7462	UGGUGUCU C UAGCUGCA	995	CAGCUAGA CUGAUGAG GCCGUUAGGC CGAA ACACCAAG	16302
7464	GUGUCUCU A GCUGCAGU	996	UGCAGCUA CUGAUGAG GCCGUUAGGC CGAA AGACACCA	16303
7473	GCUGCAGU A GUAGUGAA	997	ACUGCAGC CUGAUGAG GCCGUUAGGC CGAA AGAGACAC	16304
7476	GCAGUAGU A GUGAACCC	998	UUCACUAC CUGAUGAG GCCGUUAGGC CGAA ACUGCAGC	16305
7487	GAACCCGU C UGUGAAGA	999	GGGUUCAC CUGAUGAG GCCGUUAGGC CGAA ACUACUGC	16306
7500	AAGACAGU A CGAGAAGC	1000	UCUUCACA CUGAUGAG GCCGUUAGGC CGAA ACGGGUUC	16307
7515	GCCGGAAU U UUGAUCAC	1000	GCUUCUCG CUGAUGAG GCCGUUAGGC CGAA ACUGUCUU	16308
7516	CCGGAAUU U UGAUCACG	1002	GUGAUCAA CUGAUGAG GCCGUUAGGC CGAA AUUCCGGC	16309
7517	CGGAAUUU U GAUCACGG	1003	CGUGAUCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCGG	16310
7521	AUUUUGAU C ACGGCCGC	1004	CCGUGAUC CUGAUGAG GCCGUUAGGC CGAA AAAUUCCG	16311
			GCGGCCGU CUGAUGAG GCCGUUAGGC CGAA AUCAAAAU	16312

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			Table III	/US01/48350
7542	GUGACGCU U UGGGAGAA	1005	UIICICCCA CIIGAIIGAG CCCCITIAGGG CCC-	1000
7543		1006	UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AUUCUCCC CUGAUGAG GCCGUUAGGC CGAA	
7562		1007	UCCAAACA CUGAUGAG GCCGUUAGGC CGAA	100
7566	<del></del>	1008	GCGUUCCA CUGAUGAG GCCGUUAGGC CGAA	3.03.05.00
7567		1009	UGCGUUCC CUGAUGAG GCCGUUAGGC CGAA	
7587		1010	CAGAGUCC CUGAUGAG GCCGUUAGGC CGAA	
7593		1011	AUGUGGCA CUGAUGAG GCCGUUAGGC CGAA	
7602	UGCCACAU C AUGCGUGG	1012	CCACGCAU CUGAUGAG GCCGUUAGGC CGAA	
7615		1013	UGACAACC CUGAUGAG GCCGUUAGGC CGAA	AUGUGGCA 16320
7619	GGGUUGGU U GUCAUGUC	1014	GACAUGAC CUGAUGAG GCCGUUAGGC CGAA	
7622	UUGGUUGU C AUGUCUAU	1015	AUAGACAU CUGAUGAG GCCGUUAGGC CGAA	
7627	UGUCAUGU C UAUCCAUA	1016	UAUGGAUA CUGAUGAG GCCGUUAGGC CGAA	
7629	UCAUGUCU A UCCAUAAC	1017	GUUAUGGA CUGAUGAG GCCGUUAGGC CGAA	
7631	AUGUCUAU C CAUAACAU	1018		
7635	CUAUCCAU A ACAUGGAC	1019	and an income and inco	
7647	UGGACACU C AUAAAGAA	1020	UUCUUUAU CUGAUGAG GCCGUUAGGC CGAA	AUGGAUAG 16327 AGUGUCCA 16328
7650	ACACUCAU A AAGAACAU	1021	AUGUUCUU CUGAUGAG GCCGUUAGGC CGAA	AUGAGUGU 16329
7674	CCAGGACU A AAAAGAGG	1022	CCUCUUUU CUGAUGAG GCCGUUAGGC CGAA	AGUCCUGG 16330
7703	ACGCACCU U GGGAGAGG	1023	CCUCUCCC CUGAUGAG GCCGUUAGGC CGAA	AGGUGCGU 16331
7713	GGAGAGGU U UGGAAAGA	1024	UCUUUCCA CUGAUGAG GCCGUUAGGC CGAA	ACCUCUCC 16332
7714	GAGAGGUU U GGAAAGAA	1025	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA	ACCUCUC 16333
7728	GAAAGACU C AACCAGAU	1026	AUCUGGUU CUGAUGAG GCCGUUAGGC CGAA	AGUCUUUC 16334
7751	AGAAGAGU U CACUAGGU	1027	ACCUAGUG CUGAUGAG GCCGUUAGGC CGAA	CUCUUCU 16335
<del></del>	GAAGAGUU C ACUAGGUA	1028	UACCUAGU CUGAUGAG GCCGUUAGGC CGAA A	ACUCUUC 16336
7756	AGUUCACU A GGUACCGC	1029	GCGGUACC CUGAUGAG GCCGUUAGGC CGAA	AGUGAACU 16337
7776	CACUAGGU A CCGCAAAG	1030	CUUUGCGG CUGAUGAG GCCGUUAGGC CGAA	ACCUAGUG 16338
7779	GAGGCCAU C AUCGAAGU	1031	ACUUCGAU CUGAUGAG GCCGUUAGGC CGAA	UGGCCUC 16339
7785	GCCAUCAU C GAAGUCGA AUCGAAGU C GAUCGCUC	1032	UCGACUUC CUGAUGAG GCCGUUAGGC CGAA A	UGAUGGC 16340
7789	AAGUCGAU C GCUCAGCG	1033	GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA A	CUUCGAU 16341
7793	CGAUCGCU C AGCGGCAA	1034	CGCUGAGC CUGAUGAG GCCGUUAGGC CGAA A	UCGACUU 16342
7827	GGCAAUGU C ACUGGAGG	1035	UUGCCGCU CUGAUGAG GCCGUUAGGC CGAA A	GCGAUCG 16343
7840	GAGGGCAU C CAGUCUCU	1036	CCUCCAGU CUGAUGAG GCCGUUAGGC CGAA A	CAUUGCC 16344
7845	CAUCCAGU C UCUAGGGG	1037	AGAGACUG CUGAUGAG GCCGUUAGGC CGAA A	UGCCCUC 16345
7847	UCCAGUCU C UAGGGGCA	1039	CCCCUAGA CUGAUGAG GCCGUUAGGC CGAA A	CUGGAUG 16346
7849	CAGUCUCU A GGGGCACA	1040	UGCCCCUA CUGAUGAG GCCGUUAGGC CGAA A	GACUGGA 16347
7878	UGGCUGGU C GAACGGAG	1041	UGUGCCCC CUGAUGAG GCCGUUAGGC CGAA A	
7889	ACGGAGGU U UCUCGAAC	1042	CUCCGUUC CUGAUGAG GCCGUUAGGC CGAA A GUUCGAGA CUGAUGAG GCCGUUAGGC CGAA A	
7890	CGGAGGUU U CUCGAACC	1043	GGUUCGAG CUGAUGAG GCCGUUAGGC CGAA A	
7891	GGAGGUUU C UCGAACCG	1044	CGGUUCGA CUGAUGAG GCCGUUAGGC CGAA A	
7893	AGGUUUCU C GAACCGGU	1045	ACCGGUUC CUGAUGAG GCCGUUAGGC CGAA A	AACCUCC 16352
7902	GAACCGGU C GGAAAAGU	1046	ACUUUUCC CUGAUGAG GCCGUUAGGC CGAA A	GAAACCU 16353
7914	AAAGUGAU U GACCUUGG	1047	CCAAGGUC CUGAUGAG GCCGUUAGGC CGAA AI	CCGGUUC 16354
7920	AUUGACCU U GGAUGUGG	1048	CCACAUCC CUGAUGAG GCCGUUAGGC CGAA AG	
7939	GAGGCGGU U GGUGUUAC	1049	GUAACACC CUGAUGAG GCCGUUAGGC CGAA AC	
7945	GUUGGUGU U ACUAUAUG	1050	CAUAUAGU CUGAUGAG GCCGUUAGGC CGAA AC	CCGCCUC 16357   CACCAAC 16358
7946	UUGGUGUU A CUAUAUGG	1051	CCAUAUAG CUGAUGAG GCCGUUAGGC CGAA AA	
7949	GUGUUACU A UAUGGCAA	1052	UUGCCAUA CUGAUGAG GCCGUUAGGC CGAA AC	CACCAA 16359 GUAACAC 16360
7951	GUUACUAU A UGGCAACC	1053	GGUUGCCA CUGAUGAG GCCGUUAGGC CGAA AU	JAGUAAC 16361
7971	AAAAGAGU C CAAGAAGU	1054	ACUUCUUG CUGAUGAG GCCGUUAGGC CGAA AC	UCUUUU 16362
7980	CAAGAAGU C AGAGGGUA	1055	UACCCUCU CUGAUGAG GCCGUUAGGC CGAA AC	CUUCUUG 16363
7988 8002	CAGAGGGU A CACAAAGG	1056	CCUUUGUG CUGAUGAG GCCGUUAGGC CGAA AC	CCUCUG 16364
8002	AGGGCGGU C CCGGACAU	1057	AUGUCCGG CUGAUGAG GCCGUUAGGC CGAA AC	CCCCCU 16365
8035	CCCCAACU A GUGCAAAG	1058	CUUUGCAC CUGAUGAG GCCGUUAGGC CGAA AG	UUGGGG 16366
8036	UGCAAAGU U AUGGAUGG	1059	CCAUCCAU CUGAUGAG GCCGUUAGGC CGAA AC	DUUGCA 16367
8049	GCAAAGUU A UGGAUGGA	1060	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA AA	CUUUGC 16368
8052	UGGAACAU U GUCACCAU AACAUUGU C ACCAUGAA	1061	AUGGUGAC CUGAUGAG GCCGUUAGGC CGAA AU	GUUCCA 16369
8078	GGAUGUGU U CUACAGAC	1062	UUCAUGGU CUGAUGAG GCCGUUAGGC CGAA AC	AAUGUU 16370
8079	GAUGUGUU C UACAGACC	1063	GUCUGUAG CUGAUGAG GCCGUUAGGC CGAA AC	ACAUCC 16371
8081	UGUGUUCU A CAGACCUU	1064	GGUCUGUA CUGAUGAG GCCGUUAGGC CGAA AA	CACAUC 16372
8089	ACAGACCU U CUGAGUGU	1065	AAGGUCUG CUGAUGAG GCCGUUAGGC CGAA AG	AACACA 16373
8090	CAGACCUU C UGAGUGUU	1066	ACACUCAG CUGAUGAG GCCGUUAGGC CGAA AG	GUCUGU 16374
		1067	AACACUCA CUGAUGAG GCCGUUAGGC CGAA AA	GGUCUG 16375
			78	

### Table III

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8098	CUGAGUGU U GUGACACC	1068	GGUGUCAC CUGAUGAG GCCGUUAGGC CGAA ACACUCAG	16376
8109	GACACCCU C CUUUGUGA	1069	UCACAAAG CUGAUGAG GCCGUUAGGC CGAA AGGGUGUC	16377
8112	ACCCUCCU U UGUGACAU	1070	AUGUCACA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGU	16378
8113	CCCUCCUU U GUGACAUC	1071	GAUGUCAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGGG	16379
8121	UGUGACAU C GGAGAGUC	1072	GACUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGUCACA	16380
8129	CGGAGAGU C CUCGUCAA	1073	UUGACGAG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16381
8132	AGAGUCCU C GUCAAGUG	1074	CACUUGAC CUGAUGAG GCCGUUAGGC CGAA AGGACUCU	<del></del>
8135	GUCCUCGU C AAGUGCUG	1075	CAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACGAGGAC	16382
8148	GCUGAGGU U GAAGAGCA	1076		16383
8158	AAGAGCAU A GGACGAUU	1077	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA ACCUCAGC AAUCGUCC CUGAUGAG GCCGUUAGGC CGAA AUGCUCUU	16384
8166	AGGACGAU U CGGGUCCU	1078		16385
8167	GGACGAUU C GGGUCCUU	+	AGGACCCG CUGAUGAG GCCGUUAGGC CGAA AUCGUCCU	16386
8172		1079	AAGGACCC CUGAUGAG GCCGUUAGGC CGAA AAUCGUCC	16387
	AUUCGGGU C CUUGAAAU	1080	AUUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACCCGAAU	16388
8175	CGGGUCCU U GAAAUGGU	1081	ACCAUUUC CUGAUGAG GCCGUUAGGC CGAA AGGACCCG	16389
8184	GAAAUGGU U GAGGACUG	1082	CAGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACCAUUUC	16390
8216	AAGGGAAU U UUGCGUGA	1083	UCACGCAA CUGAUGAG GCCGUUAGGC CGAA AUUCCCUU	16391
8217	AGGGAAUU U UGCGUGAA	1084	UUCACGCA CUGAUGAG GCCGUUAGGC CGAA AAUUCCCU	16392
8218	GGGAAUUU U GCGUGAAG	1085	CUUCACGC CUGAUGAG GCCGUUAGGC CGAA AAAUUCCC	16393
8232	AAGGUGCU C UGCCCCUA	1086	UAGGGGCA CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	16394
8240	CUGCCCCU A CAUGCCGA	1087	UCGGCAUG CUGAUGAG GCCGUUAGGC CGAA AGGGGCAG	16395
8253	CCGAAAGU C AUAGAGAA	1088	UUCUCUAU CUGAUGAG GCCGUUAGGC CGAA ACUUUCGG	16396
8256	AAAGUCAU A GAGAAGAU	1089	AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA AUGACUUU	16397
8274	GAGCUGCU C CAACGCCG	1090	CGGCGUUG CUGAUGAG GCCGUUAGGC CGAA AGCAGCUC	<del> </del>
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCCA CUGAUGAG GCCGUUAGGC CGAA ACCGGCGU	16398
8301	GGACUGGU C AGAAACCC	1092		16399
8313	AACCCACU C UCACGGAA	1093		16400
8315	CCCACUCU C ACGGAAUU	1094		16401
8323	CACGGAAU U CCACGCAC	1095	AAUUCCGU CUGAUGAG GCCGUUAGGC CGAA AGAGUGGG	16402
8324	ACGGAAUU C CACGCACG	1096	GUGCGUGG CUGAUGAG GCCGUUAGGC CGAA AUUCCGUG	16403
8339	CGAGAUGU A UUGGGUGA	<del></del>	CGUGCGUG CUGAUGAG GCCGUUAGGC CGAA AAUUCCGU	16404
8341		1097	UCACCCAA CUGAUGAG GCCGUUAGGC CGAA ACAUCUCG	16405
	AGAUGUAU U GGGUGAGU	1098	ACUCACCC CUGAUGAG GCCGUUAGGC CGAA AUACAUCU	16406
8350	GGGUGAGU C GAGCUUCA	1099	UGAAGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCACCC	16407
8356	GUCGAGCU U CAGGCAAU	1100	AUUGCCUG CUGAUGAG GCCGUUAGGC CGAA AGCUCGAC	16408
8357	UCGAGCUU C AGGCAAUG	1101	CAUUGCCU CUGAUGAG GCCGUUAGGC CGAA AAGCUCGA	16409
8370	AAUGUGGU A CAUUCAGU	1102	ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA ACCACAUU	16410
8374	UGGUACAU U CAGUGAAU	1103	AUUCACUG CUGAUGAG GCCGUUAGGC CGAA AUGUACCA	16411
8375	GGUACAUU C AGUGAAUA	1104	UAUUCACU CUGAUGAG GCCGUUAGGC CGAA AAUGUACC	16412
8383	CAGUGAAU A UGACCAGC	1105	GCUGGUCA CUGAUGAG GCCGUUAGGC CGAA AUUCACUG	16413
8400	CAGGUGCU C CUAGGAAG	1106	CUUCCUAG CUGAUGAG GCCGUUAGGC CGAA AGCACCUG	16414
8403	GUGCUCCU A GGAAGAAU	1107	AUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGGAGCAC	16415
8441	ACCCCAAU A CGAGGAAG	1108	CUUCCUCG CUGAUGAG GCCGUUAGGC CGAA AUUGGGGU	16416
8454	GAAGAUGU A AACUUGGG	1109	CCCAAGUU CUGAUGAG GCCGUUAGGC CGAA ACAUCUUC	16417
8459	UGUAAACU U GGGAAGUG	1110	CACUUCCC CUGAUGAG GCCGUUAGGC CGAA AGUUUACA	16418
8496	CCCCUGCU C AACUCAGA	1111	UCUGAGUU CUGAUGAG GCCGUUAGGC CGAA AGCAGGGG	16419
8501	GCUCAACU C AGACACCA	1112	UGGUGUCU CUGAUGAG GCCGUUAGGC CGAA AGUUGAGC	
8512	ACACCAGU A AAAUCAAG	1113	CUUGAUUU CUGAUGAG GCCGUUAGGC CGAA ACUGGUGU	16420
8517	AGUAAAAU C AAGAACAG	1114	CUGUUCUU CUGAUGAG GCCGUUAGGC CGAA AUUUUACU	16421
8529	AACAGGAU U GAACGACU	1115	AGUCGUUC CUGAUGAG GCCGUUAGGC CGAA AUCCUGUU	16422
8538	GAACGACU C AGGCGUGA	1116	UCACGCCU CUGAUGAG GCCGUUAGGC CGAA AUCCUGUU  UCACGCCU CUGAUGAG GCCGUUAGGC CGAA AGUCGUUC	16423
8549	GCGUGAGU A CAGUUCGA	1117	LICCARCIO CUONIGAS GCCGUUAGGC CGAA AGUCGUUC	16424
8554	AGUACAGU U CGACGUGG	1118	UCGAACUG CUGAUGAG GCCGUUAGGC CGAA ACUCACGC	16425
8555	GUACAGUU C GACGUGGC	1119	CCACGUCG CUGAUGAG GCCGUUAGGC CGAA ACUGUACU	16426
8585	CCACCCAU A UAGAACCU		GCCACGUC CUGAUGAG GCCGUUAGGC CGAA AACUGUAC	16427
8587		1120	AGGUUCUA CUGAUGAG GCCGUUAGGC CGAA AUGGGUGG	16428
	ACCCAUAU A GAACCUGG	1121	CCAGGUUC CUGAUGAG GCCGUUAGGC CGAA AUAUGGGU	16429
8600	CUGGAACU A UCACGGCA	1122	UGCCGUGA CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	16430
8602	GGAACUAU C ACGGCAGU	1123	ACUGCCGU CUGAUGAG GCCGUUAGGC CGAA AUAGUUCC	16431
8611	ACGCAGU U AUGAUGUG	1124	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCGU	16432
B612	CGGCAGUU A UGAUGUGA	1125	UCACAUCA CUGAUGAG GCCGUUAGGC CGAA AACUGCCG	16433
8633	CACAGGCU C CGCCAGUU	1126	AACUGGCG CUGAUGAG GCCGUUAGGC CGAA AGCCUGUG	16434
8641	CCGCCAGU U CGCUGGUC	1127	GACCAGCG CUGAUGAG GCCGUUAGGC CGAA ACUGGCGG	16435
8642	CGCCAGUU C GCUGGUCA	1128	UGACCAGC CUGAUGAG GCCGUUAGGC CGAA AACUGGCG	16436
B649	UCGCUGGU C AAUGGAGU	1129	ACUCCAUU CUGAUGAG GCCGUUAGGC CGAA ACCAGCGA	16437
8661	GGAGUGGU C AGGCUCCU	1130	AGGAGCCU CUGAUGAG GCCGUUAGGC CGAA ACCACUCC	16438
			70	-0436

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8667	GUCAGGCU C CUCUCAAA	1131	UUUGAGAG CUGAUGAG GCCGUUAGGC CGAA AGCCUGAC	16439
8670	AGGCUCCU C UCAAAACC	1132	GGUUUUGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCCU	
8672	GCUCCUCU C AAAACCAU	1133		16440
8691	GACACCAU C ACGAAUGU	1134	COM MONOGAGE	16441
8700	<del>                                     </del>		ACAUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUC	16442
	ACGAAUGU U ACCACCAU	1135	AUGGUGGU CUGAUGAG GCCGUUAGGC CGAA ACAUUCGU	16443
8701	CGAAUGUU A CCACCAUG	1136	CAUGGUGG CUGAUGAG GCCGUUAGGC CGAA AACAUUCG	16444
8725	CUGACACU A CUCCCUUC	1137		
8728	ACACUACU C CCUUCGGG	1138		16445
8732	UACUCCCU U CGGGCAGC			16446
	<del></del>	1139	GCUGCCCG CUGAUGAG GCCGUUAGGC CGAA AGGGAGUA	16447
8733	ACUCCCUU C GGGCAGCA	1140	UGCUGCCC CUGAUGAG GCCGUUAGGC CGAA AAGGGAGU	16448
8750	GCGAGUGU U CAAAGAGA	1141	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA ACACUCGC	
8751	CGAGUGUU C AAAGAGAA	1142	TRICE OF THE STATE	16449
8776	CGAAAGCU C CUGAACCG	1143		16450
8801	<del></del>	+	CGGUUCAG CUGAUGAG GCCGUUAGGC CGAA AGCUUUCG	16451
	AGUGAAGU A CGUGCUCA	1144	UGAGCACG CUGAUGAG GCCGUUAGGC CGAA ACUUCACU	16452
8808	UACGUGCU C AAUGAGAC	1145	GUCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCACGUA	16453
8828	CAACUGGU U GUGGGCGU	1146	ACGCCCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGUUG	
8837	GUGGGCGU U UUUGGCCA	1147	IIGGCCAAA CUCAUGAC COCCUTIA CCC CCAA ACCAGOOG	16454
8838	UGGGCGUU U UUGGCCAG		UGGCCAAA CUGAUGAG GCCGUUAGGC CGAA ACGCCCAC	16455
8839		1148	CUGGCCAA CUGAUGAG GCCGUUAGGC CGAA AACGCCCA	16456
	GGGCGUUU U UGGCCAGA	1149	UCUGGCCA CUGAUGAG GCCGUUAGGC CGAA AAACGCCC	16457
8840	GGCGUUUU U GGCCAGAG	1150	CUCUGGCC CUGAUGAG GCCGUUAGGC CGAA AAAACGCC	16458
8857	AAAAACGU C CCAGAAUG	1151	CAUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACGUUUUU	
8870	AAUGUGCU C UCGAGAGG	1152	000000000000000000000000000000000000000	16459
8872	UGUGCUCU C GAGAGGAA		CCUCUCGA CUGAUGAG GCCGUUAGGC CGAA AGCACAUU	16460
8882	<del></del>	1153	UUCCUCUC CUGAUGAG GCCGUUAGGC CGAA AGAGCACA	16461
	AGAGGAAU U CAUAAGAA	1154	UUCUUAUG CUGAUGAG GCCGUUAGGC CGAA AUUCCUCU	16462
8883	GAGGAAUU C AUAAGAAA	1155	UUUCUUAU CUGAUGAG GCCGUUAGGC CGAA AAUUCCUC	
8886	GAAUUCAU A AGAAAGGU	1156	A COUNTY OF THE PARTY OF THE PA	16463
8895	AGAAAGGU C AACAGCAA	1157	INICOLOGIC	16464
8911	AUGCAGCU U UGGGUGCC		UUGCUGUU CUGAUGAG GCCGUUAGGC CGAA ACCUUUCU	16465
8912		1158	GGCACCCA CUGAUGAG GCCGUUAGGC CGAA AGCUGCAU	16466
	UGCAGCUU U GGGUGCCA	1159	UGGCACCC CUGAUGAG GCCGUUAGGC CGAA AAGCUGCA	16467
8924	UGCCAUGU U UGAAGAGC	1160	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA ACAUGGCA	+
8925	GCCAUGUU U GAAGAGCA	1161	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA AACAUGGC	16468
8938	AGCAGAAU C AAUGGAGG	1162	CCUCCAUTI CHICAUGAG GCCGOOAGGC CGAA AACAUGGC	16469
8964	GAAGCAGU U GAAGAUCC	<del></del>	CCUCCAUU CUGAUGAG GCCGUUAGGC CGAA AUUCUGCU	16470
8971		1163	GGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCUUC	16471
	UUGAAGAU C CAAAAUUU	1164	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA AUCUUCAA	16472
8978	UCCAAAAU U UUGGGAGA	1165	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUGGA	16473
8979	CCAAAAUU U UGGGAGAU	1166	AUCUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGG	+
8980	CAAAAUUU U GGGAGAUG	1167	Children Control	16474
9013	AGGCACAU C UGCGGGGG		CCCCCCC TO THE TOTAL TOT	16475
9028	GGGAAUGU C ACACUUGC	1168	CCCCCGCA CUGAUGAG GCCGUUAGGC CGAA AUGUGCCU	16476
		1169	GCAAGUGU CUGAUGAG GCCGUUAGGC CGAA ACAUUCCC	16477
9034	GUCACACU U GCAUUUAC	1170	GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA AGUGUGAC	16478
9039	ACUUGCAU U UACAACAU	1171	AUGUUGUA CUGAUGAG GCCGUUAGGC CGAA AUGCAAGU	
9040	CUUGCAUU U ACAACAUG	1172		16479
9041	UUGCAUUU A CAACAUGA	1173		16480
9080	CGGAGAGU U CGGAAAGG		UCAUGUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGCAA	16481
9081		1174	CCUUUCCG CUGAUGAG GCCGUUAGGC CGAA ACUCUCCG	16482
	GGAGAGUU C GGAAAGGC	1175	GCCUUUCC CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	16483
9108	AGAGCCAU U UGGUUCAU	1176	AUGAACCA CUGAUGAG GCCGUUAGGC CGAA AUGGCUCU	
9109	GAGCCAUU U GGUUCAUG	1177	CAUGAACC CUGAUGAG GCCGUUAGGC CGAA AAUGGCUC	16484
9113	CAUUUGGU U CAUGUGGC	1178	GCCACAUG CICAUGAG GGGGGGGCGC	16485
9114	AUUUGGUU C AUGUGGCU		GCCACAUG CUGAUGAG GCCGUUAGGC CGAA ACCAAAUG	16486
9123		1179	AGCCACAU CUGAUGAG GCCGUUAGGC CGAA AACCAAAU	16487
	AUGUGGCU C GGAGCUCG	1180	CGAGCUCC CUGAUGAG GCCGUUAGGC CGAA AGCCACAU	16488
9130	UCGGAGCU C GCUUUCUG	1181	CAGAAAGC CUGAUGAG GCCGUUAGGC CGAA AGCUCCGA	
9134	AGCUCGCU U UCUGGAGU	1182	ACUCCAGA CUGAUGAG GCCGUUAGGC CGAA AGCGAGCU	16489
9135	GCUCGCUU U CUGGAGUU	1183	AACHCCAC CHCANGAG CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	16490
9136	CUCGCUUU C UGGAGUUC	1184	AACUCCAG CUGAUGAG GCCGUUAGGC CGAA AAGCGAGC	16491
9143	UCUGGAGU U CGAGGCUC		GAACUCCA CUGAUGAG GCCGUUAGGC CGAA AAAGCGAG	16492
		1185	GAGCCUCG CUGAUGAG GCCGUUAGGC CGAA ACUCCAGA	16493
9144	CUGGAGUU C GAGGCUCU	1186	AGAGCCUC CUGAUGAG GCCGUUAGGC CGAA AACUCCAG	
9151	UCGAGGCU C UGGGUUUU	1187	AAAACCCA CUGAUGAG GCCGUUAGGC CGAA AGCCUCGA	16494
9157	CUCUGGGU U UUCUCAAU	1188	AIHIGAGAA CHGANGAC COCCURRACO COCA	16495
9158	UCUGGGUU U UCUCAAUG		AUUGAGAA CUGAUGAG GCCGUUAGGC CGAA ACCCAGAG	16496
9159		1189	CAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACCCAGA	16497
	CUGGGUUU U CUCAAUGA	1190	UCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAACCCAG	16498
9160	UGGGUUUU C UCAAUGAA	1191	UUCAUUGA CUGAUGAG GCCGUUAGGC CGAA AAAACCCA	16499
9162	GGUUUUCU C AAUGAAGA	1192	UCUUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAAAACC	
9180	CACUGGCU U GGAAGAAA	1193	UUICIUCC CIGAIGAC COSSTER COS	16500
			UUUCUUCC CUGAUGAG GCCGUUAGGC CGAA AGCCAGUG	16501

			140.0 111	
9194	AAAGAACU C AGGAGGAG	1194	CUCCUCCU CUGAUGAG GCCGUUAGGC CGAA AGUUCUUU	<del></del>
9207	GGAGGUGU C GAGGGCUU	1195	110000000	16502
9215		1196		16503
9222		1197	GGAGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCUCG	16504
9235			AGUUUUUG CUGAUGAG GCCGUUAGGC CGAA AGGCCCAA	16505
9236	10100000	1198	CAGGAUGU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUU	16506
		1199	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16507
9240	TOTAL TO TOTAL OF THE PARTY OF	1200	UCACGCAG CUGAUGAG GCCGUUAGGC CGAA AUGUAACC	16508
9252		1201	CGGGUGCC CUGAUGAG GCCGUUAGGC CGAA ACUUCACG	16509
9276	GGCAAGAU C UAUGCUGA	1202	UCAGCAUA CUGAUGAG GCCGUUAGGC CGAA AUCUUGCC	
9278	CAAGAUCU A UGCUGAUG	1203	CAUCAGCA CUGAUGAG GCCGUUAGGC CGAA AGAUCUUG	16510
9312	ACCCGCAU C ACGAGAGC	1204		16511
9326	AGCUGACU U GGAAAAUG	1205	Chimping the second	16512
9340	AUGAAGCU A AGGUGCUU	1206	PACCACCI CIGAUGAG GCCGUUAGGC CGAA AGUCAGCU	16513
9348	AAGGUGCU U GAGCUGCU	1207	AAGCACCU CUGAUGAG GCCGUUAGGC CGAA AGCUUCAU	16514
9357	GAGCUGCU U GAUGGGGA		AGCAGCUC CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	16515
9370	GGGAACAU C GGCGUCUU	1208	UCCCCAUC CUGAUGAG GCCGUUAGGC CGAA AGCAGCUC	16516
9376		1209	AAGACGCC CUGAUGAG GCCGUUAGGC CGAA AUGUUCCC	16517
	AUCGGCGU C UUGCCAGG	1210	CCUGGCAA CUGAUGAG GCCGUUAGGC CGAA ACGCCGAU	16518
9378	CGGCGUCU U GCCAGGGC	1211	GCCCUGGC CUGAUGAG GCCGUUAGGC CGAA AGACGCCG	16519
9390	AGGCCAU C AUUGAGCU	1212	AGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AUGGCCCU	16520
9393	GCCAUCAU U GAGCUCAC	1213	GUGAGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAUGGC	
9399	AUUGAGCU C ACCUAUCG	1214	CGAUAGGU CUGAUGAG GCCGUUAGGC CGAA AGCUCAAU	16521
9404	GCUCACCU A UCGUCACA	1215	TIOTICA COL CITE COLOR	16522
9406	UCACCUAU C GUCACAAA	1216	TYPICYTCA	16523
9409	CCUAUCGU C ACAAAGUU	1217	A A CHILITITY CONTRACTOR OF THE CONTRACTOR OF TH	16524
9417	CACAAAGU U GUGAAAGU	1218	NOTE THE PARTY OF	16525
9456	AGAACCGU C AUGGAUGU	1219	ACUUUCAC CUGAUGAG GCCGUUAGGC CGAA ACUUUGUG	16526
9465	AUGGAUGU U AUCUCCAG	<del></del>	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16527
9466	UGGAUGUU A UCUCCAGA	1220	CUGGAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCCAU	16528
9468	<del> </del>	1221	UCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AACAUCCA	16529
9470	GAUGUUAU C UCCAGAGA	1222	UCUCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAACAUC	16530
	UGUUAUCU C CAGAGAAG	1223	CUUCUCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAACA	16531
9481	GAGAAGAU C AGAGGGGG	1224	CCCCCUCU CUGAUGAG GCCGUUAGGC CGAA AUCUUCUC	16532
9501	GGACAAGU U GUCACCUA	1225	UAGGUGAC CUGAUGAG GCCGUUAGGC CGAA ACUUGUCC	16533
9504	CAAGUUGU C ACCUACGC	1226	GCGUAGGU CUGAUGAG GCCGUUAGGC CGAA ACAACUUG	16534
9509	UGUCACCU A CGCCCUAA	1227	UUAGGGCG CUGAUGAG GCCGUUAGGC CGAA AGGUGACA	
9516	UACGCCCU A AACACUUU	1228	AAAGUGUU CUGAUGAG GCCGUUAGGC CGAA AGGGCGUA	16535
9523	UAAACACU U UCACCAAC	1229	CITIONTE	16536
9524	AAACACUU U CACCAACC	1230	COLLINGTIC	16537
9525	AACACUUU C ACCAACCU	1231	ACCURICATE CONTRACTOR OF THE PROPERTY OF THE P	16538
9540	CUGGCCGU C CAGCUGGU	1232		16539
9576	GGAGUGAU U GGCCCAGA	1233	ACCAGCUG CUGAUGAG GCCGUUAGGC CGAA ACGGCCAG	16540
9600	GAGAAACU C ACAAAAGG	1234	UCUGGGCC CUGAUGAG GCCGUUAGGC CGAA AUCACUCC	16541
9624	CCCAAAGU C AGGACCUG	1235	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA AGUUUCUC	16542
9638	CUGGCUGU U UGAGAAUG		CAGGUCCU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGG	16543
9639	UGGCUGUU U GAGAAUGG	1236	CAUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACAGCCAG	16544
9660	GAAAGACU C AGCCGCAU	1237	CCAUUCUC CUGAUGAG GCCGUUAGGC CGAA AACAGCCA	16545
9675	AUGGCUGU C AGUGGAGA	1238	AUGCGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUUC	16546
9696		1239	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACAGCCAU	16547
	UGUGUGGU A AAGCCCCU	1240	AGGGGCUU CUGAUGAG GCCGUUAGGC CGAA ACCACACA	16548
9712	UGGACGAU C GCUUUGCC	1241	GGCAAAGC CUGAUGAG GCCGUUAGGC CGAA AUCGUCCA	16549
9716	CGAUCGCU U UGCCACCU	1242	AGGUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCGAUCG	16550
9717	GAUCGCUU U GCCACCUC	1243	GAGGUGGC CUGAUGAG GCCGUUAGGC CGAA AAGCGAUC	
9725	UGCCACCU C GCUCCACU	1244	AGUGGAGC CUGAUGAG GCCGUUAGGC CGAA AGGUGGCA	16551
9729	ACCUCGCU C CACUUCCU	1245	AGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGCGAGGU	16552
9734	GCUCCACU U CCUCAAUG	1246	CAUUGAGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGC	16553
9735	CUCCACUU C CUCAAUGC	1247	GCAUTIGAG CUCAUGAG GCCGOUAGGC CGAA AGUGGAGC	16554
9738	CACUUCCU C AAUGCUAU	1248	GCAUUGAG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG	16555
9745	UCAAUGCU A UGUCAAAG	1249	AUAGCAUU CUGAUGAG GCCGUUAGGC CGAA AGGAAGUG	16556
9749	UGCUAUGU C AAAGGUUC	1250	CUUUGACA CUGAUGAG GCCGUUAGGC CGAA AGCAUUGA	16557
9756	UCAAAGGU U CGCAAAGA		GAACCUUU CUGAUGAG GCCGUUAGGC CGAA ACAUAGCA	16558
9757	CAAAGGUU C GCAAAGAC	1251	UCUUUGCG CUGAUGAG GCCGUUAGGC CGAA ACCUUUGA	16559
9768	AAAGACAU C CAAGAGUG	1252	GUCUUUGC CUGAUGAG GCCGUUAGGC CGAA AACCUUUG	16560
9785	GAAACCGU C AACUGGAU	1253	CACUCUUG CUGAUGAG GCCGUUAGGC CGAA AUGUCUUU	16561
9797		1254	AUCCAGUU CUGAUGAG GCCGUUAGGC CGAA ACGGUUUC	16562
9802	UGGAUGGU A UGAUUGGC	1255	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ACCAUCCA	16563
2002	GGUAUGAU U GGCAGCAG	1256	CUGCUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAUACC	16564
				1

Table III

			1 aug III	
9813	CAGCAGGU U CCAUUUUG	1257	CAAAAUGG CUGAUGAG GCCGUUAGGC CGAA ACCUGCUG	16565
9814	AGCAGGUU C CAUUUUGC	1258	GCAAAAUG CUGAUGAG GCCGUUAGGC CGAA AACCUGCU	16566
9818	GGUUCCAU U UUGCUCAA	1259	UUGAGCAA CUGAUGAG GCCGUUAGGC CGAA AUGGAACC	16567
9819	GUUCCAUU U UGCUCAAA	1260	UUUGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAC	16568
9820	UUCCAUUU U GCUCAAAC	1261	GUUUGAGC CUGAUGAG GCCGUUAGGC CGAA AAAUGGAA	
9824	AUUUUGCU C AAACCAUU	1262	AAUGGUUU CUGAUGAG GCCGUUAGGC CGAA AGCAAAAU	16569
9832	CAAACCAU U UCACUGAA	1263	UUCAGUGA CUGAUGAG GCCGUUAGGC CGAA AUGGUUUG	16570
9833	AAACCAUU U CACUGAAU	1264	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AAUGGUUU	16571
9834	AACCAUUU C ACUGAAUU	1265	AAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU	16572
9842	CACUGAAU U GAUCAUGA	1266		16573
9846	GAAUUGAU C AUGAAAGA	1267		16574
9873	CUGGUGGU U CCAUGCCG	1268		16575
9874	UGGUGGUU C CAUGCCGA	1269		16576
9896	GGAUGAAU U GGUAGGCA	1270		16577
9900	GAAUUGGU A GGCAGAGC	1271		16578
9910	GCAGAGCU C GCAUAUCU	1272	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ACCAAUUC	16579
9915	GCUCGCAU A UCUCCAGG	1273	AGAUAUGC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC	16580
9917	UCGCAUAU C UCCAGGGG	<del></del>	CCUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGCGAGC	16581
9919	GCAUAUCU C CAGGGGCC	1274	CCCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUAUGCGA	16582
9939	UGGAACGU C CGCGACAC	1275	GGCCCCUG CUGAUGAG GCCGUUAGGC CGAA AGAUAUGC	16583
9952	ACACUGCU U GUCUGGCU	1276	GUGUCGCG CUGAUGAG GCCGUUAGGC CGAA ACGUUCCA	16584
9955	CUGCUUGU C UGGCUAAG	1277	AGCCAGAC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGU	16585
9961		1278	CUUAGCCA CUGAUGAG GCCGUUAGGC CGAA ACAAGCAG	16586
9965	GUCUGGCU A AGUCUUAU	1279	AUAAGACU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAC	16587
9967	GGCUAAGU C UUAUGCCC	1280	GGGCAUAA CUGAUGAG GCCGUUAGGC CGAA ACUUAGCC	16588
9968	CUAAGUCU U AUGCCCAG	1281	CUGGGCAU CUGAUGAG GCCGUUAGGC CGAA AGACUUAG	16589
9987	UAAGUCUU A UGCCCAGA	1282	UCUGGGCA CUGAUGAG GCCGUUAGGC CGAA AAGACUUA	16590
	UGGCUGCU U CUGUACUU	1283	AAGUACAG CUGAUGAG GCCGUUAGGC CGAA AGCAGCCA	16591
9988	GGCUGCUU C UGUACUUC	1284	GAAGUACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGCC	16592
9992	GCUUCUGU A CUUCCACA	1285	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA ACAGAAGC	16593
9995	UCUGUACU U CCACAGAA	1286	UUCUGUGG CUGAUGAG GCCGUUAGGC CGAA AGUACAGA	16594
9996	CUGUACUU C CACAGAAG	1287	CUUCUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUACAG	16595
10017	CUGCGGCU C AUGGCCAA	1288	UUGGCCAU CUGAUGAG GCCGUUAGGC CGAA AGCCGCAG	16596
10032	AACGCCAU U UGCUCCGC	1289	GCGGAGCA CUGAUGAG GCCGUUAGGC CGAA AUGGCGUU	16597
10033	ACGCCAUU U GCUCCGCU	1290	AGCGGAGC CUGAUGAG GCCGUUAGGC CGAA AAUGGCGU	16598
10037	CAUJUGCU C CGCUGUCC	1291	GGACAGCG CUGAUGAG GCCGUUAGGC CGAA AGCAAAUG	16599
10044	UCCGCUGU C CCUGUGAA	1292	UUCACAGG CUGAUGAG GCCGUUAGGC CGAA ACAGCGGA	16600
10054	CUGUGAAU U GGGUCCCU	1293	AGGGACCC CUGAUGAG GCCGUUAGGC CGAA AUUCACAG	16601
10059	AAUUGGU C CCUACCGG	1294	CCGGUAGG CUGAUGAG GCCGUUAGGC CGAA ACCCAAUU	16602
10063	GGGUCCCU A CCGGAAGA	1295	UCUUCCGG CUGAUGAG GCCGUUAGGC CGAA AGGGACCC	16603
10082	CACGUGGU C CAUCCAUG	1296	CAUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACCACGUG	16604
10086	UGGUCCAU C CAUGCAGG	1297	CCUGCAUG CUGAUGAG GCCGUUAGGC CGAA AUGGACCA	16605
10124	GGACAUGU U GGAGGUCU	1298	AGACCUCC CUGAUGAG GCCGUUAGGC CGAA ACAUGUCC	16606
10131	UUGGAGGU C UGGAACCG	1299	CGGUUCCA CUGAUGAG GCCGUUAGGC CGAA ACCUCCAA	16607
10143	AACCGUGU U UGGAUAGA	1300	UCUAUCCA CUGAUGAG GCCGUUAGGC CGAA ACACGGUU	16608
10144	ACCGUGUU U GGAUAGAG	1301	CUCUAUCC CUGAUGAG GCCGUUAGGC CGAA AACACGGU	16609
10149	GUUUGGAU A GAGGAGAA	1302	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AUCCRAAC	16610
10203	AGUGACGU C CCAUAUUC	1303	GAAUAUGG CUGAUGAG GCCGUUAGGC CGAA ACGUCACU	16611
10208	CGUCCCAU A UUCAGGAA	1304	UUCCUGAA CUGAUGAG GCCGUUAGGC CGAA AUGGGACG	16612
10210	UCCCAUAU U CAGGAAAA	1305	UUUUCCUG CUGAUGAG GCCGUUAGGC CGAA AUAUGGGA	16613
10211	CCCAUAUU C AGGAAAAC	1306	GUUUUCCU CUGAUGAG GCCGUUAGGC CGAA AAUAUGGG	16614
10230	GAGGACAU C UGGUGUGG	1307	CCACACCA CUGAUGAG GCCGUUAGGC CGAA AUGUCCUC	16615
10248	AGCCUGAU U GGCACAAG	1308	CUUGUGCC CUGAUGAG GCCGUUAGGC CGAA AUCAGGCU	16616
10284	GAAAACAU C CAGGUGGC	1309	GCCACCUG CUGAUGAG GCCGUUAGGC CGAA AUGUUUUC	16617
10294	AGGUGGCU A UCAACCAA	1310	UUGGUUGA CUGAUGAG GCCGUUAGGC CGAA AGCCACCU	16618
10296	GUGGCUAU C AACCAAGU	1311	ACUUGGUU CUGAUGAG GCCGUUAGGC CGAA AUAGCCAC	16619
10305	AACCAAGU C AGAGCAAU	1312	AUUGCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGUU	16620
10314	AGAGCAAU C AUCGGAGA	1313	UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA AUUGCUCU	16621
10317	GCAAUCAU C GGAGAUGA	1314	UCAUCUCC CUGAUGAG GCCGUUAGGC CGAA AUGAUUGC	16622
10331	UGAGAAGU A UGUGGAUU	1315	AAUCCACA CUGAUGAG GCCGUUAGGC CGAA ACUUCUCA	16623
10339	AUGUGGAU U ACAUGAGU	1316	ACUCAUGU CUGAUGAG GCCGUUAGGC CGAA AUCCACAU	16624
10340	UGUGGAUU A CAUGAGUU	1317	AACUCAUG CUGAUGAG GCCGUUAGGC CGAA AAUCCACA	16625
10348	ACAUGAGU U CACUAAAG	1318	CUUUAGUG CUGAUGAG GCCGUUAGGC CGAA ACUCAUGU	16626
10349	CAUGAGUU C ACUAAAGA	1319	UCUUUAGU CUGAUGAG GCCGUUAGGC CGAA AACUCAUG	
				16627

### Table III

10353	AGUUCACU A AAGAGAUA	1320	UAUCUCUU CUGAUGAG GCCGUUAGGC CGAA AGUGAACU	
10361	- AAAGAGAU A UGAAGACA	1321		16628
10375	<del> </del>		UGUCUUCA CUGAUGAG GCCGUUAGGC CGAA AUCUCUUU	16629
10376	ACACAACU U UGGUUGAG	1322	CUCAACCA CUGAUGAG GCCGUUAGGC CGAA AGUUGUGU	16630
	CACAACUU U GGUUGAGG	1323	CCUCAACC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUG	16631
10380	ACUUUGGU U GAGGACAC	1324	GUGUCCUC CUGAUGAG GCCGUUAGGC CGAA ACCAAAGU	16632
10392	GACACAGU A CUGUAGAU	1325	AUCUACAG CUGAUGAG GCCGUUAGGC CGAA ACUGUGUC	16633
10397	AGUACUGU A GAUAUUUA	1326	UAAAUAUC CUGAUGAG GCCGUUAGGC CGAA ACAGUACU	16634
10401	CUGUAGAU A UUUAAUCA	1327	UGAUUAAA CUGAUGAG GCCGUUAGGC CGAA AUCUACAG	16635
10403	GUAGAUAU U UAAUCAAU	1328	AUUGAUUA CUGAUGAG GCCGUUAGGC CGAA AUAUCUAC	16636
10404	UAGAUAUU U AAUCAAUU	1329	AAUUGAUU CUGAUGAG GCCGUUAGGC CGAA AAUAUCUA	16637
10405	AGAUAUUU A AUCAAUUG	1330	CAAUUGAU CUGAUGAG GCCGUUAGGC CGAA AAAUAUCU	<del></del>
10408	UAUUUAAU C AAUUGUAA	1331		16638
10412	UAAUCAAU U GUAAAUAG	1332		16639
10415	UCAAUUGU A AAUAGACA	1333		16640
10419	UUGUAAAU A GACAAUAU	+	UGUCUAUU CUGAUGAG GCCGUUAGGC CGAA ACAAUUGA	16641
10426		1334	AUAUUGUC CUGAUGAG GCCGUUAGGC CGAA AUUUACAA	16642
	UAGACAAU A UAAGUAUG	1335	CAUACUUA CUGAUGAG GCCGUUAGGC CGAA AUUGUCUA	16643
10428	GACAAUAU A AGUAUGCA	1336	UGCAUACU CUGAUGAG GCCGUUAGGC CGAA AUAUUGUC	16644
10432	AUAUAAGU A UGCAUAAA	1337	UUUAUGCA CUGAUGAG GCCGUUAGGC CGAA ACUUAUAU	16645
10438	GUAUGCAU A AAAGUGUA	1338	UACACUUU CUGAUGAG GCCGUUAGGC CGAA AUGCAUAC	16646
10446	AAAAGUGU A GUUUUAUA	1339	UAUAAAAC CUGAUGAG GCCGUUAGGC CGAA ACACUUUU	16647
10449	AGUGUAGU U UUAUAGUA	1340	UACUAUAA CUGAUGAG GCCGUUAGGC CGAA ACUACACU	16648
10450	GUGUAGUU U UAUAGUAG	1341	CUACUAUA CUGAUGAG GCCGUUAGGC CGAA AACUACAC	16649
10451	UGUAGUUU U AUAGUAGU	1342	ACUACUAU CUGAUGAG GCCGUUAGGC CGAA AAACUACA	16650
10452	GUAGUUUU A UAGUAGUA	1343	UACUACUA CUGAUGAG GCCGUUAGGC CGAA AAAACUAC	16651
10454	AGUUUUAU A GUAGUAUU	1344	AAUACUAC CUGAUGAG GCCGUUAGGC CGAA AUAAAACU	16652
10457	UUUAUAGU A GUAUUUAG	1345	CUAAAUAC CUGAUGAG GCCGUUAGGC CGAA ACUAUAAA	<del></del>
10460	AUAGUAGU A UUUAGUGG	1346	CCACUAAA CUGAUGAG GCCGUUAGGC CGAA ACUACUAU	16653
10462	AGUAGUAU U UAGUGGUG	1347	CACCACUA CUGAUGAG GCCGUUAGGC CGAA AUACUACU	16654
10463	GUAGUAUU U AGUGGUGU	1348	ACACCACU CUGAUGAG GCCGUUAGGC CGAA AAUACUAC	16655
10464	UAGUAUUU A GUGGUGUU	1349	AACACCAC CUGAUGAG GCCGUUAGGC CGAA AAAUACUA	16656
10472	AGUGGUGU U AGUGUAAA	1350	THE STATE OF THE S	16657
10473	GUGGUGUU A GUGUAAAU	1351		16658
10478	GUUAGUGU A AAUAGUUA	1352		16659
10482	GUGUAAAU A GUUAAGAA	1353		16660
10485	UAAAUAGU U AAGAAAAU	1354		16661
10486	AAAUAGUU A AGAAAAUU	1355	AUUUUCUU CUGAUGAG GCCGUUAGGC CGAA ACUAUUUA AAUUUUCU CUGAUGAG GCCGUUAGGC CGAA AACUAUUU	16662
10494	AAGAAAAU U UUGAGGAG	1356	CUCCUCAA CUCAUCAG GCCGOUAGGC CGAA AACUAUUU	16663
10495	AGAAAAUU U UGAGGAGA	1357	CUCCUCAA CUGAUGAG GCCGUUAGGC CGAA AUUUUCUU	16664
10496	GAAAAUUU U GAGGAGAA	1358	UCUCCUCA CUGAUGAG GCCGUUAGGC CGAA AAUUUUCU	16665
10508	GAGAAAGU C AGGCCGGG	1359	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AAAUUUUC	16666
10521	CGGGAAGU U CCCGCCAC	1360	CCCGGCCU CUGAUGAG GCCGUUAGGC CGAA ACUUUCUC	16667
10522	GGGAAGUU C CCGCCACC		GUGGCGGG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCG	16668
10537	CCGGAAGU U GAGUAGAC	1361	GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCC	16669
10542		1362	GUCUACUC CUGAUGAG GCCGUUAGGC CGAA ACUUCCGG	16670
10562	AGUUGAGU A GACGGUGC	1363	GCACCGUC CUGAUGAG GCCGUUAGGC CGAA ACUCAACU	16671
10602	CUGCGACU C AACCCCAG	1364	CUGGGGUU CUGAUGAG GCCGUUAGGC CGAA AGUCGCAG	16672
10608	GAAGUGAU C CAUGUAAG	1365	CUUACAUG CUGAUGAG GCCGUUAGGC CGAA AUCACUUC	16673
	AUCCAUGU A AGCCCUCA	1366	UGAGGGCU CUGAUGAG GCCGUUAGGC CGAA ACAUGGAU	16674
10615	UAAGCCCU C AGAACCGU	1367	ACGGUUCU CUGAUGAG GCCGUUAGGC CGAA AGGGCUUA	16675
10624	AGAACCGU C UCGGAAGG	1368	CCUUCCGA CUGAUGAG GCCGUUAGGC CGAA ACGGUUCU	16676
10626	AACCGUCU C GGAAGGAG	1369	CUCCUUCC CUGAUGAG GCCGUUAGGC CGAA AGACGGUU	16677
10647	CCACAUGU U GUAACUUC	1370	GAAGUUAC CUGAUGAG GCCGUUAGGC CGAA ACAUGUGG	16678
10650	CAUGUUGU A ACUUCAAA	1371	UUUGAAGU CUGAUGAG GCCGUUAGGC CGAA ACAACAUG	16679
10654	UUGUAACU U CAAAGCCC	1372	GGGCUUUG CUGAUGAG GCCGUUAGGC CGAA AGUUACAA	16680
10655	UGUAACUU C AAAGCCCA	1373	UGGGCUUU CUGAUGAG GCCGUUAGGC CGAA AAGUUACA	16681
10668	CCCAAUGU C AGACCACG	1374	CGUGGUCU CUGAUGAG GCCGUUAGGC CGAA ACAUUGGG	16682
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG CUGAUGAG GCCGUUAGGC CGAA AGCGUGGU	16683
10689	GGCGUGCU A CUCUGCGG	1376	CCGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCACGCC	16684
10692	GUGCUACU C UGCGGAGA	1377	UCUCCGCA CUGAUGAG GCCGUUAGGC CGAA AGUAGCAC	16685
10708	AGUGCAGU C UGCGAUAG	1378	CUAUCGCA CUGAUGAG GCCGUUAGGC CGAA ACUGCACU	
10715	UCUGCGAU A GUGCCCCA	1379	UGGGGCAC CUGAUGAG GCCGUUAGGC CGAA AUCGCAGA	16686
10736	GACUGGGU U AACAAAGG	1380	CCUUUGUU CUGAUGAG GCCGUUAGGC CGAA ACCCAGUC	16687
10737	ACUGGGUU A ACAAAGGC	1381	GCCUUUGU CUGAUGAG GCCGUUAGGC CGAA AACCCAGU	16688
10769	GCGGCCCU A GCCCCGGU	1382	ACCGGGGC CUGAUGAG GCCGUUAGGC CGAA AGCGCCGC	16689
			TO TOTAL OCCODERATE COMM MODELLOC	16690

# WO 02/068637 PCT/US01/48350 Table III

10778	GCCCCGGU A AUGGUGUU	1383	AACACCAU CUGAUGAG GCCGUUAGGC CGAA ACCGGGGC	16691
10786	AAUGGUGU U AACCAGGG	1384	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUU	16692
10787	AUGGUGUU A ACCAGGGC	1385	GCCCUGGU CUGAUGAG GCCGUUAGGC CGAA AACACCAU	16693
10805	AAAGGACU A GAGGUUAG	1386	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUU	16694
10811	CUAGAGGU U AGAGGAGA	1387	UCUCCUCU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16695
10812	UAGAGGUU A GAGGAGAC	1388	GUCUCCUC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16696
10829	CCCGCGGU U UAAAGUGC	1389	GCACUUUA CUGAUGAG GCCGUUAGGC CGAA ACCGCGGG	16697
10830	CCGCGGUU U AAAGUGCA	1390	UGCACUUU CUGAUGAG GCCGUUAGGC CGAA AACCGCGG	16698
10831	CGCGGUUU A AAGUGCAC	1391	GUGCACUU CUGAUGAG GCCGUUAGGC CGAA AAACCGCG	16699
10862	GAAGCUGU A GGUCAGGG	1392	CCCUGACC CUGAUGAG GCCGUUAGGC CGAA ACAGCUUC	16700
10866	CUGUAGGU C AGGGGAAG	1393	CUUCCCCU CUGAUGAG GCCGUUAGGC CGAA ACCUACAG	16701
10879	GAAGGACU A GAGGUUAG	1394	CUAACCUC CUGAUGAG GCCGUUAGGC CGAA AGUCCUUC	16702
10885	CUAGAGGU U AGUGGAGA	1395	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA ACCUCUAG	16703
10886	UAGAGGUU A GUGGAGAC	1396	GUCUCCAC CUGAUGAG GCCGUUAGGC CGAA AACCUCUA	16704
10928	AACAGCAU A UUGACACC	1397	GGUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGUU	16705
10930	CAGCAUAU U GACACCUG	1398	CAGGUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUG	16706
10943	CCUGGGAU A GACUAGGA	1399	UCCUAGUC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGG	16707
10948	GAUAGACU A GGAGAUCU	1400	AGAUCUCC CUGAUGAG GCCGUUAGGC CGAA AGUCUAUC	16708
10955	UAGGAGAU C UUCUGCUC	1401	GAGCAGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCCUA	16709
10957	GGAGAUCU U CUGCUCUG	1402	CAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCC	16710
10958	GAGAUCUU C UGCUCUGC	1403	GCAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	16711
10963	CUUCUGCU C UGCACAAC	1404	GUUGUGCA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAG	16712

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Table IV

Table IV: WNV Inozyme and Target Sequence

Pos	Substrate	Seq ID	Ribozyme	Rz Seq
<u></u>	<u> </u>	<u> </u>		ID
11	UAGUUCGC C UGUGUGAG	1405	CUCACACA CUGAUGAG GCCGUUAGGC CGAA ICGAACUA	16713
12	AGUUCGCC U GUGUGAGC	1406	GCUCACAC CUGAUGAG GCCGUUAGGC CGAA IGCGAACU	16714
21	GUGUGAGC U GACAAACU	1407	AGUUUGUC CUGAUGAG GCCGUUAGGC CGAA ICUCACAC	16715
25	GAGCUGAC A AACUUAGU	1408	ACUAAGUU CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC	16716
29	UGACAAAC U UAGUAGUG	1409	CACUACUA CUGAUGAG GCCGUUAGGC CGAA IUUUGUCA	16717
53	GGAUUAAC A ACAAUUAA	1410	UUAAUUGU CUGAUGAG GCCGUUAGGC CGAA IUUAAUCC	16718
56	UUAACAAC A AUUAACAC	1411	GUGUUAAU CUGAUGAG GCCGUUAGGC CGAA IUUGUUAA	16719
63	CAAUUAAC A CAGUGCGA	1412	UCGCACUG CUGAUGAG GCCGUUAGGC CGAA IUUAAUUG	<del></del>
65	AUUAACAC A GUGCGAGC	1413	GCUCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGUUAAU	16720
74	GUGCGAGC U GUUUCUUA	1414	UAAGAAAC CUGAUGAG GCCGUUAGGC CGAA ICUCGCAC	16721
80	GCUGUUUC U UAGCACGA	1415	UCGUGCUA CUGAUGAG GCCGUUAGGC CGAA ICUCGCAC	16722
85	UUCUUAGC A CGAAGAUC	1416	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA IAAACAGC	16723
94	CGAAGAUC U CGAUGUCU	1417		16724
102	UCGAUGUC U AAGAAACC	1418	AGACAUCG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	16725
110	UAAGAAAC C AGGAGGGC	1419	GGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IACAUCGA	16726
111	AAGAAACC A GGAGGGCC		GCCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	16727
119	<del></del>	1420	GGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCUU	16728
	AGGAGGGC C CGGCAAGA	1421	UCUUGCCG CUGAUGAG GCCGUUAGGC CGAA ICCCUCCU	16729
120	GGAGGGCC C GGCAAGAG	1422	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGCCCUCC	16730
124	GGCCCGGC A AGAGCCGG	1423	CCGGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGGCC	16731
130	GCAAGAGC C GGGCUGUC	1424	GACAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	16732
135	AGCCGGGC U GUCAAUAU	1425	AUAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCCGGCU	16733
139	GGGCUGUC A AUAUGCUA	1426	UAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCC	16734
146	CAAUAUGC U AAAACGCG	1427	CGCGUUUU CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	16735
161	CGGAAUGC C CCGCGUGU	1428	ACACGCGG CUGAUGAG GCCGUUAGGC CGAA ICAUUCCG	16736
162	GGAAUGCC C CGCGUGUU	1429	AACACGCG CUGAUGAG GCCGUUAGGC CGAA IGCAUUCC	16737
163	GAAUGCCC C GCGUGUUG	1430	CAACACGC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16738
174	GUGUUGUC C UUGAUUGG	1431	CCAAUCAA CUGAUGAG GCCGUUAGGC CGAA IACAACAC	16739
175	UGUUGUCC U UGAUUGGA	1432	UCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGACAACA	16740
185	GAUUGGAC U GAAGAGGG	1433	CCCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUCCAAUC	16741
195	AAGAGGGC U AUGUUGAG	1434	CUCAACAU CUGAUGAG GCCGUUAGGC CGAA ICCCUCUU	16742
205	UGUUGAGC C UGAUCGAC	1435	GUCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCAACA	16743
206	GUUGAGCC U GAUCGACG	1436	CGUCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAC	16744
217	UCGACGGC A AGGGGCCA	1437	UGGCCCCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCGA	16745
224	CAAGGGGC C AAUACGAU	1438	AUCGUAUU CUGAUGAG GCCGUUAGGC CGAA ICCCCUUG	
225	AAGGGGCC A AUACGAUU	1439	AAUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGCCCCUU	16746
243	GUGUUGGC U CUCUUGGC	1440	GCCAAGAG CUGAUGAG GCCGUUAGGC CGAA ICCAACAC	16747
245	GUUGGCUC U CUUGGCGU	1441	ACGCCAAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAC	16748
247	UGGCUCUC U UGGCGUUC	1442		16749
256	UGGCGUUC U UCAGGUUC	1443	GAACGCCA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	16750
259	CGUUCUUC A GGUUCACA	1444	GAACCUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCCA	16751
265	UCAGGUUC A CAGCAAUU	1445	UGUGAACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACG	16752
267			AAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IAACCUGA	16753
	AGGUUCAC A GCAAUUGC	1446	GCAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUGAACCU	16754
270	UUCACAGC A AUUGCUCC	1447	GGAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUGUGAA	16755
276	GCAAUUGC U CCGACCCG	1448	CGGGUCGG CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	16756
278	AAUUGCUC C GACCCGAG	1449	CUCGGGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUU	16757
282	GCUCCGAC C CGAGCAGU	1450	ACUGCUCG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGC	16758
283	CUCCGACC C GAGCAGUG	1451	CACUGCUC CUGAUGAG GCCGUUAGGC CGAA IGUCGGAG	16759
288	ACCCGAGC A GUGCUGGA	1452	UCCAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUCGGGU	16760
293	AGCAGUGC U GGAUCGAU	1453	AUCGAUCC CUGAUGAG GCCGUUAGGC CGAA ICACUGCU	16761
316	GUGUGAAC A AACAAACA	1454	UGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IUUCACAC	16762
320	GAACAAAC A AACAGCGA	1455	UCGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUUC	16763
324	AAACAAAC A GCGAUGAA	1456	UUCAUCGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU	16764
335	GAUGAAAC A CCUUCUGA	1457	UCAGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUCAUC	16765
337	UGAAACAC C UUCUGAGU	1458	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUCA	16766
338	GAAACACC U UCUGAGUU	1459	AACUCAGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUC	
341	ACACCUUC U GAGUUUUA	1460	UAAAACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU	16767
359	GAAGGAAC U AGGGACCU	1461	AGGUCCU CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU AGGUCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCUUC	16768
366	CUAGGGAC C UUGACCAG	1462	CUGGUCAA CUGAUGAG GCCGUUAGGC CGAA TUUCCUUG	16769
			COCCUAN COGNOGNO GCCGUUAGGC CGAA TUCCCUAG	16770

			Table IV	
367	UAGGGACC U UGACCAGU	1463	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	16771
372	ACCUUGAC C AGUGCUAU	1464	AUAGCACU CUGAUGAG GCCGUUAGGC CGAA IUCAAGGU	16772
373	CCUUGACC A GUGCUAUC	1465	GAUAGCAC CUGAUGAG GCCGUUAGGC CGAA IGUCAAGG	16773
378	ACCAGUGC U AUCAAUCG	1466	CGAUUGAU CUGAUGAG GCCGUUAGGC CGAA ICACUGGU	16774
382	GUGCUAUC A AUCGGCGG	1467	CCGCCGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGCAC	16775
394	GGCGGAGC U CAAAACAA	1468	UUGUUUUG CUGAUGAG GCCGUUAGGC CGAA ICUCCGCC	16776
396	CGGAGCUC A AAACAAAA	1469	UUUUGUUU CUGAUGAG GCCGUUAGGC CGAA IAGCUCCG	16777
401	CUCAAAAC A AAAGAAAA	1470	UUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG	
423	GGAAAGAC C GGAAUUGC	1471	GCAAUUCC CUGAUGAG GCCGUUAGGC CGAA IUCUUUCC	16778
432	GGAAUUGC A GUCAUGAU	1472	AUCAUGAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC	16780
436	UUGCAGUC A UGAUUGGC	1473	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACUGCAA	16781
445	UGAUUGGC C UGAUCGCC	1474	GGCGAUCA CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	16782
446	GAUUGGCC U GAUCGCCA	1475	UGGCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC	16783
453	CUGAUCGC C AGCGUAGG	1476	CCUACGCU CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG	16784
454	UGAUCGCC A GCGUAGGA	1477	UCCUACGC CUGAUGAG GCCGUUAGGC CGAA IGCGAUCA	16785
465	GUAGGAGC A GUUACCCU	1478	AGGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICUCCUAC	16786
471	GCAGUUAC C CUCUCUAA	1479	UUAGAGAG CUGAUGAG GCCGUUAGGC CGAA IUAACUGC	16787
472	CAGUUACC C UCUCUAAC	1480	GUUAGAGA CUGAUGAG GCCGUUAGGC CGAA IGUAACUG	16788
473	AGUUACCC U CUCUAACU	1481	AGUUAGAG CUGAUGAG GCCGUUAGGC CGAA IGGUAACU	16789
475	UUACCCUC U CUAACUUC	1482	GAAGUUAG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAA	16790
477	ACCCUCUC U AACUUCCA	1483	UGGAAGUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGGU	16791
481	UCUCUAAC U UCCAAGGG	1484	CCCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGA	16792
484	CUAACUUC C AAGGGAAG	1485	CUUCCCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUUAG	16793
485	UAACUUCC A AGGGAAGG	1486	CCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGUUA	16794
513	GUAAAUGC U ACUGACGU	1487	ACGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICAUUUAC	16795
516	AAUGCUAC U GACGUCAC	1488	GUGACGUC CUGAUGAG GCCGUUAGGC CGAA IUAGCAUU	16796
523	CUGACGUC A CAGAUGUC	1489	GACAUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAG	16797
525	GACGUCAC A GAUGUCAU	1490	AUGACAUC CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	16798
532	CAGAUGUC A UCACGAUU	1491	AAUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACAUCUG	16799
535	AUGUCAUC A CGAUUCCA	1492	UGGAAUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	16800
542	CACGAUUC C AACAGCUG	1493	CAGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUCGUG	16801
543	ACGAUUCC A ACAGCUGC	1494	GCAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGAAUCGU	16802
546	AUUCCAAC A GCUGCUGG	1495	CCAGCAGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU	16803
549	CCAACAGC U GCUGGAAA	1496	UUUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGG	16804
552	ACAGCUGC U GGAAAGAA	1497	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCUGU	16805
562	GAAAGAAC C UAUGCAUU	1498	AAUGCAUA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUC	16806
563	AAAGAACC U AUGCAUUG	1499	CAAUGCAU CUGAUGAG GCCGUUAGGC CGAA IGUUCUUU	16807
568	ACCUAUGC A UUGUCAGA	1500	UCUGACAA CUGAUGAG GCCGUUAGGC CGAA ICAUAGGU	16808
574	GCAUUGUC A GAGCAAUG	1501	CAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACAAUGC	16809
579	GUCAGAGC A AUGGAUGU	1502	ACAUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC	16810
595	UGGGAUAC A UGUGCGAU	1503	AUCGCACA CUGAUGAG GCCGUUAGGC CGAA IUAUCCCA	16811
609	GAUGAUAC U AUCACUUA	1504	UAAGUGAU CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	16812
613	AUACUAUC A CUUAUGAA	1505	UUCAUAAG CUGAUGAG GCCGUUAGGC CGAA IAUAGUAU	16813
615	ACUAUCAC U UAUGAAUG	1506	CAUUCAUA CUGAUGAG GCCGUUAGGC CGAA IUGAUAGU	16814
625	AUGAAUGC C CAGUGCUG	1507	CAGCACUG CUGAUGAG GCCGUUAGGC CGAA ICAUUCAU	16815
626	UGAAUGCC C AGUGCUGU	1508	ACAGCACU CUGAUGAG GCCGUUAGGC CGAA IGCAUUCA	16816
627	GAAUGCCC A GUGCUGUC	1509	GACAGCAC CUGAUGAG GCCGUUAGGC CGAA IGGCAUUC	16817
632	CCCAGUGC U GUCGGCUG	1510	CAGCCGAC CUGAUGAG GCCGUUAGGC CGAA ICACUGGG	16818
639	CUGUCGGC U GGUAAUGA	1511	UCAUUACC CUGAUGAG GCCGUUAGGC CGAA ICCGACAG	16819
650	UAAUGAUC C AGAAGACA	1512	UGUCUUCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUA	16820
651	AAUGAUCC A GAAGACAU	1513	AUGUCUUC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU	16821
658	CAGAAGAC A UCGACUGU	1514	ACAGUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	16822
664	ACAUCGAC U GUUGGUGC	1515	GCACCAAC CUGAUGAG GCCGUUAGGC CGAA IUCGAUGU	16823
673	GUUGGUGC A CAAAGUCA	1516	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ICACCAAC	16824
675	UGGUGCAC A AAGUCAGC	1517	GCUGACUU CUGAUGAG GCCGUUAGGC CGAA IUGCACCA	16825
681	ACAAAGUC A GCAGUCUA	1518	UAGACUGC CUGAUGAG GCCGUUAGGC CGAA IACUUUGU	16826
684	AAGUCAGC A GUCUACGU	1519	ACGUAGAC CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	16827
688	CAGCAGUC U ACGUCAGG	1520	CCUGACGU CUGAUGAG GCCGUUAGGC CGAA IACUGCUG	16828
694	UCUACGUC A GGUAUGGA	1521	UCCAUACC CUGAUGAG GCCGUUAGGC CGAA IACGUAGA	16829
709 711	GAAGAUGC A CCAAGACA	1522	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCUUC	16830
712	AGAUGCAC C AAGACACG	1523	CGUGUCUU CUGAUGAG GCCGUUAGGC CGAA IUGCAUCU	16831
,12	GAUGCACC A AGACACGC	1524	GCGUGUCU CUGAUGAG GCCGUUAGGC CGAA IGUGCAUC	16832
				<del></del> -

Table IV

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717	ACCAAGAC A CGCCACUC	1525	GAGUGGCG CUGAUGAG GCCGUUAGGC CGAA IUCUUGGU	16833
721	AGACACGC C ACUCAAGA	1526	UCUUGAGU CUGAUGAG GCCGUUAGGC CGAA ICGUGUCU	16834
722	GACACGCC A CUCAAGAC	1527	GUCUUGAG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUC	16835
724	CACGCCAC U CAAGACGC	1528	GCGUCUUG CUGAUGAG GCCGUUAGGC CGAA IUGGCGUG	
726	CGCCACUC A AGACGCAG	1529	CUGCGUCU CUGAUGAG GCCGUUAGGC CGAA IAGUGGCG	16836
733	CAAGACGC A GUCGGAGG	1530	CCUCCGAC CUGAUGAG GCCGUUAGGC CGAA ICGUCUUG	16837
744	CGGAGGUC A CUGACAGU	1531		16838
746			ACUGUCAG CUGAUGAG GCCGUUAGGC CGAA IACCUCCG	16839
750	GAGGUCAC U GACAGUGC	1532	GCACUGUC CUGAUGAG GCCGUUAGGC CGAA IUGACCUC	16840
	UCACUGAC A GUGCAGAC	1533	GUCUGCAC CUGAUGAG GCCGUUAGGC CGAA IUCAGUGA	16841
755	GACAGUGC A GACACACG	1534	CGUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICACUGUC	16842
759	GUGCAGAC A CACGGAGA	1535	UCUCCGUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCAC	16843
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# WO 02/068637 PCT/US01/48350 Table IV

1679			•	Table IV	
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1703   GARGANCE A CAGECCAC   1713   GUIGGGUIS CURANIGAS GECEULAGGE CORA INJUGUES   17021   1701   17022   17022   17	1700	UGAGGAAC C ACACGCCA	1712		
1793   GARACCA CA COCCACAS   1714   USCRIGAGE CUBANGAGE COMA HIGHERIC   17021   17091   17092   17093   CARCAGUE CA ROBAGCA   1715   USCRIGAGE CUBANGAGE COMA HORDIGA   17021   17012   17011   17011   17011   17011   17011   17011   17011   17012   17011   17011   17011   17011   17011   17011   17011   17012   17011   17011   17011   17011   17011   17011   17011   17012   17011   17011   17011   17011   17011   17011   17011   17012   17011   17011   17011   17011   17011   17011   17011   17012   17011   1701	1701	GAGGAACC A CACGCCAC	+		+
1709   CCACAGGC & AGGAGCA   1715   GUGCUIGG CUGAIGAG GCGUUAGGC COAN ICGUIGIGG   17024   1716   CAGCAGC CACAGGCA   CACAGGCA   1716   CUGCUIGG CUGAIGAG GCGUUAGGC COAN ICGUIGIGG   17024   1711   CACAGAGC A GUCUIGIGG   17024   1711   CACAGAGC A GUCUIGIGG   17024   1711   CACAGAGC CUGAIGAGG GCGUUAGGC COAN ICGUIGGG   17024   1718   GUGAIGAC CUGAIGAGG GCGUUAGGC COAN ICGUIGGG   17024   1718   GUGAIGAC CUGAIGAGG GCGUUAGGC COAN ICGUIGGGC   17027   1718   GUGAIGAC A UUGAIGAG   17027   1718   GUGAIGAC A UUGAIGAG   17027   1718   GUGAIGAC A UUGAIGAG   17021   17027   1718   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17027   17026   17027   17027   17026   17027   17027   17026   17027   17027   17027   17026   17027   1702		<del></del>	<del></del>		<del></del>
1719		<u> </u>	<del></del>		<del></del>
1719   CAGGARGE A GUCUGUGA   1718   GCAUAGAC CUGAUGAG GCCGULAGGE COAN ICUUCGUG   17025   1718   GUARGAC CUGAUGAG GCAUAGAGE COAN ICUUCGUG   17026   1718   GUARGAC CUGAUGAG GCCGULAGGE COAN IACUCCUU   17027   1728   GUARGAC A UUGAGGCC   1719   GAGCCCA CUGAUGAG GCCGULAGGE COAN IACUCCUU   17027   1727   1					<del></del>
1719		<del></del>	+		17024
1792		<del></del>	<del></del>		17025
1735		<del> </del>	<del></del>		17026
1737		GUGAUAGC A UUGGGCUC	1719	GAGCCCAA CUGAUGAG GCCGUUAGGC CGAA ICUAUCAC	17027
1739   GGGCUCA A AGAGGGAG   1722   CUICCEUCI CUSANDAG   GCGCULAGGC   COAA IUGAGGCC   17031   1749   GAGGGAGC U GUCANDAG   1723   URAUGCAG CUGANDAG   GCGCULAGGC   COAA IUGAGGCC   17031   1751   GGGAGCUC U GCAUCAAG   1724   CUICAGGC CUGANDAGG   GCGCULAGGC   COAA IAGACCUC   17031   1757   CUICAGCCA   1724   CUICAGGC   CUGANDAG   GCCGULAGGC   COAA IAGACCUC   17031   1757   CUICAGCCA   CUCANDAG   GCCGULAGGC   COAA IAGACCUC   17031   1757   CUICAGCCA   URAUGAG   GCCGULAGGC   COAA IAGACCAA   17031   1757   CUCAGCCA   URAUGAG   GCCGULAGGC   COAA IAGACCAA   17031   1757   CUCAGCCA   CUICAUDAG   GCCGULAGGC   COAA IAGACCAA   17031   1757   GCUIGAGC   CUICAUDAG   GCCGULAGGC   COAA IACACCAA   17031   1757   GCCAGAGCCA   URAUGAG   GCCGULAGGC   COAA IACACCAA   17031   1757   GCCAGAGCCA   URAUGAG   GCCGULAGGC   COAA IACACCAA   17031   1757   GCCAGAGCA   URAUGAG   GCCGULAGGC   COAA IACACAACA   17031   1774   CUAGAGCA   URAUGAGC   GCCGULAGGC   COAA IACACACCA   17031   1774   GCCAGAGCA   URAUGAGC   GCCGULAGGC   COAA IACACACCA   17031   1774   GCCAGAGCA   URAUGAGC   GCCGULAGGC   COAA IACACACCA   17031   1775   GCCAGAGCCA   URAUGAGC   GCCGULAGGC   GCAA IACACACCA   17031   1779   GCCADULCC   GUGGAAU   1731   AUUCCAC   CUBAUDAG   GCCGULAGGC   COAA IACACACCA   17031   1779   GCCADULCC   GUGGAAU   1731   AUUCCAC   CUBAUDAG   GCCGULAGGC   COAA IACACACCA   17031   1779   GCCADULCC   GUGGAAU   1731   AUUCCAC   CUBAUDAG   GCCGULAGGC   COAA IACACACCA   17041	1735	CAUUGGGC U CACAAGAG	1720	CUCUUGUG CUGAUGAG GCCGUUAGGC CGAA ICCCAAUG	17028
1791   GAGGGAGCU C U GICCAUCA   1723   UGAUGCAG CUGAUGAG   GCCGUUAGGC   CGAA ICCUCCCU   17031   1751   GAGGGAGCU C U GCAUCAAG   1724   CUUGAUGC CUGAUGAG   GCCGUUAGGC   CGAA ICCUCCCU   17032   1755   AGCCUCUG A AGCUUAG   1725   AAGCUUGA CUGAUGAG   GCCGUUAGGC   CGAA IAGCUCCC   17032   1757   UCUGCAUG A AGCUUGG   1726   CCAAAGCC   UGAUGAG   GCCGUUAGGC   CGAA IAGCUCCA   17031   1761   CALCAGAGC   UUGACCAG   1727   CCAGCCAA CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAGA   17034   1776   GCUUUAGAG C U UGAUGAG   1728   AAGCUCCAA CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAGA   17034   1773   GACCAGAC   UUUGAGAG   GCCGUUAGGC   CGAA IAUGCAGA   17034   1774   CUGGAGCC   AUUCCUGU   1729   AAGCAGAA CUGAUGAG   GCCGUUAGGC   CGAA IAUCCAGA   17036   1776   GCCAUCAC   AUUCCUGU   1730   CACAGGAA CUGAUGAG   GCCGUUAGGC   CGAA IAUCCAGA   17036   1777   GCCAUCAC   AUUCCAGA   17036   1778   AACCACAC   AUUCCAGA   17034   1779   GAAUUUUC   AACCACAC   17034   1779   GAAUUUUC   AACCACAC   17034   1779   GAAUUUUC   AACCACAC   17734   GAACGAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACAC   17034   1779   GAAUUUUCAA   AACCAGUC   AACCACAC   17734   GAACGAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   17034   1779	1737	UUGGGCUC A CAAGAGGG	1721	CCCUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCCCAA	17029
1749   GAGGGACCU C UGCAUCA   1724   CUGAUGAG CIGANUAGG CGCANA TOUCCCUC   17031   1751   AGCUCUC A UCANCAUU   1724   CUGAUGAG CUGAUGAG GCCGNA AGCUCCC   17032   1754   AGCUCUCC A UCANCAUU   1725   AAGCUCCC UGAUGAG GCCGUAGGC CGAA ICAGAGCU   17033   1757   UCUGCAUC A NGCUUUGG   1725   AAGCUCCC UGAUGAG GCCGUAGGC CGAA ICAGAGCU   17033   1767   GCUUUGAG U UUGCGUG   1728   AAGCUCC UGAUGAG GCCGUAGGC CGAA ICUGAUGA   17031   1779   ACCUGAGCA UCANGAG GCCGUAGGC CGAA ICUCAGC   17031   1779   ACCUGAGCA UUCCUGU   1730   ACCAGGAA UCANGAGG GCCGUAGGC CGAA ICUCCAGC   17036   1779   ACCAGGAA UCANGAG GCCGUAGGC CGAA ICUCAGC   17040   1779   ACCAGAGA UCANGAG GCCGUAGGC CGAA ICUCAGA   17041   1779   ACCAGACA UCANGAG   17040   17041   17040   17	1739	GGGCUCAC A AGAGGGAG	1722	CUCCCUCU CUGAUGAG GCCGUUAGGC CGAA IUGAGCCC	17030
1751	1749	GAGGGAGC U CUGCAUCA	1723	† <del></del>	<del></del>
1754	1751	GGGAGCUC U GCAUCAAG	1724		
1757	1754	AGCUCUGC A UCAAGCUU	1725		
1761	1757	UCUGCAUC A AGCUUUGG	<del></del>		+
1767   GCUULIGGC U GGAGCCAU   1728   AUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICCAAAGC   17036   17774   CUGGAGCC A UUCCUGUU   1729   ACAGGAAU CUGAUGAG GCCGUUAGGC CGAA ICCCCACG   17037   1778   AGCCAUUC C UGUGGAAU   1731   AUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAGCCCCAC   17038   1779   ACCCAUUC C UGUGGAAU   1731   AUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAGCCCAC   17038   1779   ACCCAUUC C UGUGGAAU   1731   AUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGGCCU   17037   1779   GCAUUCCA C UGAUGAG GCCGUUAGGC CGAA IAAGGCCU   17041   1791   GAAUUUUC A AGCAACAC   1733   GUGUUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGUC   17041   1795   UUUCAACC A CUGAUGAG GCCGUUAGGC CGAA IAAAGUC   17041   1795   UUUCAACC A CUGAUGAG GCCGUUAGGC CGAA IAAAGUC   17041   1795   UUUCAACC A CUGAUGAG GCCGUUAGGC CGAA IACACGUU   17041   170			<del></del>		<del></del>
1773		<del> </del>			
1774					
1778			<del></del>		
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1791					17039
1795   UUUCAAGC A ACACUGUC					17040
1798			<del></del>		17041
1800				GACAGUGU CUGAUGAG GCCGUUAGGC CGAA ICUUGAAA	17042
1804		CAAGCAAC A CUGUCAAG	1735	CUUGACAG CUGAUGAG GCCGUUAGGC CGAA IUUGCUUG	17043
1820	1800	AGCAACAC U GUCAAGUU	1736	AACUUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17044
1820   SUCGGGUC A UJUGAAGU   1738   ACUUCAAC CUGAUGAG   GCCGUUAGGC   CGAA IACCCGAC   17046   1853   AAAAUUGC A GUUGAAGG   1739   CCUUCAAC CUGAUGAG   GCCGUUAGGC   CGAA ILCAUUUU   17047   1866   AAGGGAAC   CUAUGGCGU   1741   ACGCCAUA CUGAUGAG   GCCGUUAGGC   CGAA ILUUCUCU   17048   1879   GGAACACC U AUGGCGUC   1742   GACGCCAU   CUGAUGAG   GCCGUUAGGC   CGAA ILUUGUUC   17049   1879   AUGGCGUC   U JUCAAAG   1743   ACGCCAUA   CUGAUGAG   GCCGUUAGGC   CGAA ILUUGUUC   17050   1879   AUGGCGUC   U GUUCAAAG   1743   CUUUGAC   CUGAUGAG   GCCGUUAGGC   CGAA IGUUGUUC   17051   1884   GUCUGUUC   A AAGGCUUU   1744   AAAGCCUU   CUGAUGAG   GCCGUUAGGC   CGAA IACGCCAU   17051   1894   AGGCUUC   A AGGCUUU   1745   AACUUGAA   CUGAUGAG   GCCGUUAGGC   CGAA IACGCCAU   17051   1894   AGGCUUC   A AGGACUUC   1746   AAGAAACU   CUGAUGAG   GCCGUUAGGC   CGAA IAAAGCCU   17051   1894   AGGCUUC   A AGGACUC   1746   AAGAAACU   CUGAUGAG   GCCGUUAGGC   CGAA IAAAGCCU   17051   1901   CAAGUUUC   A AGGACCC   1746   AAGAAACU   CUGAUGAG   GCCGUUAGGC   CGAA IAAAGCCU   17055   1908   CUUGGGAC   U CCCGCAGA   1748   UCUGCGGG   CUGAUGAG   GCCGUUAGGC   CGAA IAACCCU   17055   1911   GGGACUC   C GCAGACA   1749   UGUCUGC   CUGAUGAG   GCCGUUAGGC   CGAA IAGUCCCA   17057   1911   GGGACUC   C GCAGACAC   1755   GUGACCUG   CUGAUGAG   GCCGUUAGGC   CGAA IGGUCCA   17057   1911   ACUCCCGC   A GACACAC   1755   GUGACCUC   CUGAUGAG   GCCGUUAGGC   CGAA IGGUCCAC   17057   1914   ACUCCCGC   A GACACAC   1755   GUGACCUC   CUGAUGAG   GCCGUUAGGC   CGAA IGCCCCC   17056   1914   ACUCCCGC   A GACACAC   1755   GUGACCUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUCCGC   17056   1914   ACUCCCGC   A GACACAC   1755   GUGACCUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUCCC   17056   1914   ACUCCCGC   A GACACAC   1755   GUGACCUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUCCC   17056   1914   ACUCCCGC   A GUGCAGC   1755   GCACACAC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUCCC   17066   1920   GCACACAC   A CGCCCCCC   1755   GCACACCC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUCCCC   17066   1925   CACAGCCC   CUGAUGAG   GCCGUUAGGC   CG	1804	ACACUGUC A AGUUGACG	1737	CGUCAACU CUGAUGAG GCCGUUAGGC CGAA IACAGUGU	17045
1853	1820	GUCGGGUC A UUUGAAGU	1738		
1866	1853	AAAAUUGC A GUUGAAGG	1739		
1869   GGAACAAC C UAUGGCGU   1741   ACGCCAUA CUGAUGAG   GCCGUUAGGC   CGAA IUUGUUCC   17049   1870   GAACCAAC U AUGGCGUC   1742   GAGGCCAU CUGAUGAG   GCCGUUAGGC   CGAA IAUGUGUUC   17050   1879   AUGGCGUC U GUUCAAGG   1743   CUUUGAAC CUGAUGAG   GCCGUUAGGC   CGAA IACGCCAU   17051   1884   GUCUGUUC A AAGGCUU   1744   AAAGCCUU CUGAUGAG   GCCGUUAGGC   CGAA IAACAGAC   17052   1890   UCAAAGGC U UUCAAGUU   1745   AACUUGAA CUGAUGAG   GCCGUUAGGC   CGAA IAACAGAC   17053   1894   AGGCUUUC A AGUUUCUU   1745   AACUUGAA CUGAUGAG   GCCGUUAGGC   CGAA IAACAGAC   17054   17054   17054   17054   17054   17054   17054   17054   17055   17054   17054   17055   17056	1866	AAGGGAAC A ACCUAUGG	1740		
1870         GAACAACC U AUGGGGUC         1742         GAGGCCAU CUGAUGAG GCGUUAGGC         CGAA IGUUGUUC         17050           1879         AUGGGGUC U GUUCAAG         1743         CUUUGAAC CUGAUGAG GCGUUTAGGC         CGAA IACGCCAU         17051           1884         GUCUGUUC A AGGCUUU         1744         AAAGCCUU CUGAUGAG GCCGUUAGGC         CGAA IACAGAC         17052           1890         UCAAAGGC U UUCAAGUU         1745         AACUUGAA CUGAUGAG GCCGUUAGGC         CGAA ICCUUTGA         17053           1894         AGGCUUC A AGUUUCUU         1746         AAGAAACU CUGAUGAG GCCGUUAGGC         CGAA IAAACCUU         17054           1901         CAAGUUUC U UGGGACUC         1747         AGGUCCC CUGAUGAG GCCGUUAGGC         CGAA IAAACUU         17055           1910         UGGGACUC C CGCAGACA         1748         UCUGCGGG CUGAUGAG GCCGUUAGGC         CGAA IAGGUCCA         17057           1911         GGGACUC C CGCAGACA         1750         GUGUCUGC CUGAUGAG GCCGUUAGGC         CGAA ICCGGAGA         17057           1914         ACUCCCGC A GACACAGG         1751         CCUGUGUC CUGAUGAG GCCGUUAGGC         CGAA IUCUCGC         17058           1920         GCCAGACAC A GUCACGG         1753         CCGUGACC CUGAUGAG GCCGUUAGGC         CGAA IUCUGGC         17061           1925         CACAGGCA A	1869	GGAACAAC C UAUGGCGU	1741		
1879   AUGGCGUC U GUUCAAAG   1743   CUUUGAAC CUGAUGAG GCCGUUAGGC CGAA IACGCCAU   17051     1884   GUCUGUUC A AAGGCUUU   1744   AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA IACAGAC   17052     1890   UCAAAGGC U UUCAAGUU   1745   AACUUGAA CUGAUGAG GCCGUUAGGC CGAA IACAGAC   17053     1894   AGGCUUUC A AGUUUCUU   1746   AAGAAACU CUGAUGAG GCCGUUAGGC CGAA IACAGAC   17053     1894   AGGCUUUC A AGUUUCUU   1746   AAGAAACU CUGAUGAG GCCGUUAGGC CGAA IACAGACU   17054     1901   CAAGUUUC U UGGGACUC   1747   GAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IACACUUG   17055     1908   CUUGGGAC U CCCGCAGA   1748   UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IACACUG   17055     1910   UGGGACUC C GCCAGACA   1749   UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA IACUCCA   17057     1911   GGGACUC C GCCAGACA   1749   UGUCUGCC CUGAUGAG GCCGUUAGGC CGAA IACUCCA   17057     1914   ACUCCCGC A GACACAGG   1751   CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCCC   17058     1914   ACUCCCGC A GACACAGG   1751   CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICAGGAGU   17059     1918   CCGCAGACA C AGGUCACC   1752   GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG   17060     1920   GCAGACAC A GGUCACG   1753   CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG   17061     1925   CACAGGUC A CUGGUGUG   1754   CAGUGCCC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG   17061     1925   CACAGGUC A CUGGUGUG   1755   CACCACAG CUGAUGAG GCCGUUAGGC CGAA IUCUGCG   17061     1930   GUCACGGC A CUGUGUGU   1756   AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC   17063     1932   CACGGCAC U GUGGUGUU   1756   AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUCUGCG   17064     1949   GGAAUUGC A GUACACUG   1758   CAUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCUGCA   17066     1956   CAGUACAC U GGCACGA   1758   CAUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCUGCA   17066     1956   CAGUACAC U GGCACGA   1758   CAUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCUGCA   17066     1956   CAGUACAC U GCCAGAG   1758   CAUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCUGCA   17067     1950   GGAUGCC A CUGAAGG   1760   UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC   17067     1950   GAUGGCC U UGCAAAG   1760   UCCAUCCG CUGAUGAG GCCGUU	1870	GAACAACC U AUGGCGUC	<del></del>		
1884   GUCUGUUC A AAGGCUUU	1879				<del> </del>
1890	1884		<del></del>		
1894   AGGCUUUC A AGUUUCU			<del></del>		
1901				***************************************	
1908	<del></del>				
1910 UGGGACUC C GCAGACA 1749 UGUCUGCG CUGAUGAG GCCGUUAGGC CGAA IAGUCCCA 17057 1911 GGGACUC C GCAGACAC 1750 GUGUCUGC CUGAUGAG GCCGUUAGGC CGAA IAGUCCCC 17058 1914 ACUCCGGC A GACACAGG 1751 CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGGGAGU 17059 1918 CCGCAGAC A CAGGUCAC 1752 GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17060 1920 GCAGACAC A GGUCACC 1753 CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17061 1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17061 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCCGUGAC 17062 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCCGUGAC 17063 1932 CACGGCAC U GUGGGUGU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCCGUGAC 17063 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICCCGUGAC 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUCUCCCA 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCCA CUGAUGAG GCCGUUAGGC CGAA IUCUGCA 17066 1955 CAGUACAC U GGCACGAA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUCUGCA 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCUGCA 17067 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IGCACUCC 17070 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGCACUCC 17070 1983 AAAGUUCC U AUCUCGU 1764 ACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17071 1982 CAAAGUUC C UAUCUCGU 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGU 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17073 1987 UUCCUAUC U CUGAUGAA 1769 UCCAUCA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17073 1988 UCAGUGGC U UCAUCAGG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1989 UCAGUGGC U UCAUCAGG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17075 1998 UCAGUGGC U UACUCGUC 1766 GAACGAC UGAUGAG GCCGUUAGGC CGAA IACGACAC 17076 2001					
1911 GGGACUCC C GCAGACAC 1750 GUGUCUGC CUGAUGAG GCCGUUAGGC CGAA IGAGUCCC 17058 1914 ACUCCCGC A GACACAGG 1751 CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA IGAGUCCC 17059 1918 CCGCAGAC A CAGGUCAC 1752 GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17060 1920 GCAGACAC A GGUCACCGG 1753 CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17061 1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17061 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17062 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17063 1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17063 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17067 1960 ACACUGGC A CGGAUGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUCAUGCA 17067 1970 GGAUGGAC U UGCAAAG 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCAUCG 17069 1971 GAUGGACC U UGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCAUCC 17069 1971 GAUGGACC U UGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCAUCC 17069 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IUCAUCC 17070 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IUCAUCC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IACCAUC 17071 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IACCAUC 17071 1984 UUCCUAUC A GUGCCUUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IACGAGU 17071 1985 CAAAGUUC C UAUCUCGU 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17073 1987 UUCCUAUC A GUGCCAC UGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 1998 UCAGUGGC A UGGACGAG 1769 UCCAUCAG CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 1998 UCAGUGGC A UGAACGAA 1769 UCCAUCAG CUGAUGAG GCCGUUAGGC CGAA IACGAGC CIAA IACGAGC CIAA IUCGUUC					-
1914 ACUCCCGC A GACACAGG 1751 CCUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICGGGAGU 17059 1918 CCGCAGAC A CAGGUCAC 1752 GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17060 1920 GCAGACAC A GGUCACGG 1753 CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17061 1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUCUCGCG 17061 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17062 1931 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17063 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17064 1954 UGCAGUAC A CUGGCACGG 1758 CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA ICACUGCC 17065 1956 CAGUACAC U GGCACGGA 1759 UCCGUGAC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17067 1960 ACACUGGC A CGGAUGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUCUACA 17067 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICCAGUGC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17071 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1982 CAAAGUUC C UAUCUCGU 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1983 AAAGUUCC U AUCUCGUC 1766 GAAGCAC CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1984 CAGUGGC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1988 UCCAGUGGC CU AUCAUGAG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACGAC 17077 1998 UCCAUGGC A GUGGCUC A TOGACCAC CUGAUGAG GCCGUUAGGC CGAA IAACGAC 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACGACU 17076 2011 UGAACGAC C UAACGCCA 1770 UGGCGUU CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2011					
1918 CCGCAGAC A CAGGUCAC 1752 GUGACCUG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17060 1920 GCAGACAC A GGUCACGG 1753 CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGG 17061 1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUCUGCGC 17061 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17062 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IUCCCGUG 17063 1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17065 1954 UGCAGUAC A CUGGCACG 1758 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17065 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCACUG 17067 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU 17068 1971 GAUGGAC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA ICCCAUCCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU 17070 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17072 1983 AAAGUUCC U AUCUCGU 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1987 UUCCUAUC U AUCUCGU 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1988 AAAGUUCC U AUCUCGUC 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17075 1998 UCAGUGGC U UCAUCGAA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAUGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAUGAGAU 17076 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGCUUC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IAUGCUUC 17076	<b></b>				17058
1920 GCAGACAC A GGUCACGG 1753 CCGUGACC CUGAUGAG GCCGUUAGGC CGAA IUGUCUGC 17061 1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUGUCUGC 17062 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17063 1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17063 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUGUACUG 17067 1970 GGAUGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17070 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGUUC 17071 1983 AAAGUUCC U AUCUCGUC 1765 ACGAGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGU 1764 ACGAGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1986 UUCCUAUC A GUGCAUGG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1987 UUCCUAUC A GUGCAUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAAGCUU 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17076 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2012 GAACGACC UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2013 GAACGACC UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077					17059
1925 CACAGGUC A CGGCACUG 1754 CAGUGCCG CUGAUGAG GCCGUUAGGC CGAA IACCUGUG 17062 1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17063 1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGUACUG 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUGUACUG 17067 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUUG 17072 1984 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IACCUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IACCUUU 17073 1988 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUU 17073 1998 UCAGUGGC A GUGCCUUC 1766 CACUGAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 1998 UCAGUGGC U UCAUUGAA 1766 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACCACUGA 17076 2012 GAACGACC U AACGCCAG 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACCACUGA 17077 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IACCACUCA 17077					17060
1930 GUCACGGC A CUGUGGUG 1755 CACCACAG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17063 1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17065 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGUACUG 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IACCAUGC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IACAUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGACAC 17077 2012 GAACGACC U AACGCCAG 1771 CUGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGCAC 17079			1753		17061
1932 CACGGCAC U GUGGUGUU 1756 AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG 17064 1949 GGAAUUGC A GUACACUG 1757 CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC 17065 1954 UGCAGUAC A CUGGCACG 1758 CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17066 1956 CAGUACAC U GGCACGGA 1759 UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUACUGCA 17067 1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCCAUCU 17068 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1987 UUCCUAUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IAACUUU 17073 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IACGCAC 17079			1754		17062
1932         CACGGCAC U GUGGUGUU         1756         AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG         17064           1949         GGAAUUGC A GUACACUG         1757         CAGUGUAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUCC         17065           1954         UGCAGUAC A CUGGCACG         1758         CGUGCCAG CUGAUGAG GCCGUUAGGC CGAA IUACUGCA         17066           1956         CAGUACAC U GGCACGGA         1759         UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGUACUG         17067           1960         ACACUGGC A CGGAUGGA         1760         UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA IUCCAGUGU         17068           1970         GGAUGGAC C UUGCAAAG         1761         CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC         17069           1971         GAUGGACC U UGCAAAGU         1762         ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC         17070           1975         GACCUUGC A AAGUUCCU         1763         AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IAACUUU         17071           1982         CAAAGUUC C UAUCUCGU         1764         ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUU         17072           1983         AAAGUUCC U AUCUCGUC         1765         GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUU         17073           1987         UUCCUAUC U CGUCAGGG CACCCUGAUGAG GCCGUUAGGC CGAA IAUGGGAA         17074           1992         AUCUCGUC A GUGAGGA T766	-		1755		17063
1949         GGAAUUGC         A GUACACUG         1757         CAGUGUAC         CUGAUGAG         CCGUUAGGC         CGAA         ICAAUUCC         17065           1954         UGCAGUAC         A CUGGCACG         1758         CGUGCCAG         CUGAUGAG         CCGUUAGGC         CGAA         IUACUGCA         17066           1956         CAGUACAC         U GGCACGGA         1759         UCCGUGCC         CUGAUGAG         GCCGUUAGGC         CGAA         IUGUACUG         17067           1960         ACACUGGC         A CGGAUGGA         1760         UCCAUCCG         CUGAUGAG         CCGAA         ICCAGUGU         17068           1970         GGAUGGAC         C UUGCAAAG         1761         CUUUGCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUCCAUCC         17069           1971         GAUGGACC         U UGCAAAGU         1762         ACUUUGCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUCCAUC         17070           1975         GACCUUGC         A AAGUUCCU         1763         AGGAACUU         CUGAUGAG         GCCGUUAGGC         CGAA         ICAAGGUC         17071           1982         CAAAGUUC         U AUCUCGU         1764         ACGAGAGAU         CUGAUGAG         GCCGUUAGGC <td< td=""><td></td><td>CACGGCAC U GUGGUGUU</td><td>1756</td><td>AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG</td><td></td></td<>		CACGGCAC U GUGGUGUU	1756	AACACCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	
1954         UGCAGUAC         A CUGGCACG         1758         CGUGCCAG         CUGAUGAG         GCCGUUAGGC         CGAA         IUACUGCA         17066           1956         CAGUACAC         U GGCACGGA         1759         UCCGUGCC         CUGAUGAG         CCGAA         IUGUACUG         17067           1960         ACACUGGC         A CGGAUGGA         1760         UCCAUCCG         CUGAUGAG         CCGAA         ICCAGUGU         17068           1970         GGAUGGAC         C UUGCAAAG         1761         CUUUGCAA         CUGAUGAG         CCGAA         IUCCAUCC         17069           1971         GAUGGACC         U UGCAAAGU         1762         ACUUUGCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUCCAUC         17070           1975         GACCUUGC         A AAGUUCCU         1763         AGGAACUU         CUGAUGAG         GCCGUUAGGC         CGAA         ICAAGGUC         17071           1982         CAAAGUUC         U AUCUCGU         1764         ACGAGAAU         CUGAUGAG         GCCGUUAGGC         CGAA         IAACUUU         17072           1983         AAAGUUCC         U AUCUCGUC         1765         GACGAGAU         CUGAUGAG         GCCGUUAGGC         CGAA         IAACUUU         17073	1949		1757		
1956         CAGUACAC U GGCACGGA         1759         UCCGUGCC CUGAUGAG GCCGUUAGGC CGAA IUGUACUG         17067           1960         ACACUGGC A CGGAUGGA         1760         UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU         17068           1970         GGAUGGAC C UUGCAAAG         1761         CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC         17069           1971         GAUGGACC U UGCAAAGU         1762         ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC         17070           1975         GACCUUGC A AAGUUCCU         1763         AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC         17071           1982         CAAAGUUC C UAUCUCGU         1764         ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUU         17072           1983         AAAGUUCC U AUCUCGUC         1765         GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUU         17073           1987         UUCCUAUC U CGUCAGUG         1766         CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA         17074           1992         AUCUCGUC A GUGAGUG         1767         GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU         17075           1998         UCAGUGGC U UCAUUGAA         1768         UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGACAC         17076           2001         GUGGCUUC A UUGAACGA         1769         UCGUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC         17077           2012	1954	UGCAGUAC A CUGGCACG	1758		
1960 ACACUGGC A CGGAUGGA 1760 UCCAUCCG CUGAUGAG GCCGUUAGGC CGAA ICCAGUGU 17068 1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IACGCCAC 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IACGCUCA 17078	1956	CAGUACAC U GGCACGGA	1759		
1970 GGAUGGAC C UUGCAAAG 1761 CUUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC 17069 1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICAAGGUC 17071 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17079	1960	ACACUGGC A CGGAUGGA			
1971 GAUGGACC U UGCAAAGU 1762 ACUUUGCA CUGAUGAG GCCGUUAGGC CGAA IGUCCAUCC 17070 1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUCC 17070 1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17079	1970				
1975 GACCUUGC A AAGUUCCU 1763 AGGAACUU CUGAUGAG GCCGUUAGGC CGAA ICACGUC 17070  1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072  1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUU 17073  1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074  1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075  1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076  2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077  2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078  2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	1971	· · · · · · · · · · · · · · · · · · ·			
1982 CAAAGUUC C UAUCUCGU 1764 ACGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAACUUUG 17072 1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IAACUUUU 17073 1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	-				
1983 AAAGUUCC U AUCUCGUC 1765 GACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGAACUUU 17073  1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074  1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17075  1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076  2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077  2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078  2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	<del></del>				
1987 UUCCUAUC U CGUCAGUG 1766 CACUGACG CUGAUGAG GCCGUUAGGC CGAA IAUAGGAA 17074 1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	<u> </u>				
1992 AUCUCGUC A GUGGCUUC 1767 GAAGCCAC CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17075 1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGAGAU 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	<del></del>				
1998 UCAGUGGC U UCAUUGAA 1768 UUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACGACAA 17076 2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	<u> </u>				
2001 GUGGCUUC A UUGAACGA 1769 UCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGCCAC 17077 2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079					17075
2011 UGAACGAC C UAACGCCA 1770 UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA 17078 2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079	<del></del>				17076
2012 GAACGACC U AACGCCAG 1771 CUGGCGUU CUGAUGAG GCCGUUAGGC CGAA IGUCGUUC 17079					17077
33355555 COMPONENT TO COMPONENT		·		UGGCGUUA CUGAUGAG GCCGUUAGGC CGAA IUCGUUCA	1707B
2018   CCUAACGC C AGUGGGCA   1772   UGCCCACU CUGAUGAG GCCGUUAGGC CGAA ICGUUAGG   17080	-				17079
	2018	CCUAACGC C AGUGGGCA	1772	UGCCCACU CUGAUGAG GCCGUUAGGC CGAA ICGUUAGG	17080

Table IV

2025   CAGURGOEC A GATUGOUC   1776   GRECANIC GUGARIGAG GEGERIJAGGE CORA TECCACUE   17982   2031   UUGUGACE U GUCARACC   1776   GUGUCACA GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17984   2041   UUGUGACE C GUGUCACC   1776   GUGUCACC GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17984   2041   UUGUCACC C GUUUUGUU   1777   AANAGAGU GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17984   2041   UUGUCACC C GUUUUGUU   1778   AAACARAA GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17986   2044   UUGUCACC C GUUUUGUU   1778   AAACARAA GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17986   2045   UUGUCACC C UUUUGUUU   1798   AAACARAA GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17986   2045   UUGUCACCC GUUUUGUU   1798   AAACARAA GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17986   2045   UUGUCACCC GUUUUGUU   1798   GAAACAA CUGARIGAG GEGERIJAGGE CORA TUGACCAA   17982   UUGUCACCC GUUUUGUU   17982   UUGUCACCGU GUGARIGAG GEGERIJAGGE CORA TUGACCAA   17982   UUGUCACCC GUURAGGE GEGERIJAGGE CORA TUGACCAA   17982   UUGUCACCCGU GURARIGAG GEGERIJAGGE CORA TUCACCAA   17982   1798		T		<u> </u>	
2015   GANDIGUE A CUBUCAAC   1775   GUIUGACAE CURANDAG GEOGUIUAGE COAN TACCARDE   17784   2021   USCAUGUE A ACCCUUTU   1777   ANABORU CURANDAG GEOGUIUAGE COAN TACCARDE   17786   2024   USCAUGUE C CURURBUU   1778   ANABORU CURANDAG GEOGUIUAGE COAN TACCARDE   17786   2024   CURUCARC C URURBUU   1778   ANABORU CURANDAG GEOGUIUAGE COAN TACCARDA   17786   2024   CURUCARC C URURBUU   1778   ANABORU CURANDAG GEOGUIUAGE COAN TACCARDA   17786   2025   GUIUAGE C URURBUU   1778   ANABORU CURANDAG GEOGUIUAGE COAN TACCARDA   17786   2025   GUIUAGUE C ACOGECCA   1782   GUIUAGE CORNARIO GEOGUIUAGE COAN TACCARDA   17786   2025   USCAUDUL A GUIUAGECA   1782   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2025   UURACURU C A GUIUAGECA   1782   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2026   CARGORO C A ACOGUA   1784   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2026   CARGORO C A ACOGUA   1784   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2027   GEORAGGE C A ACOGUA   1784   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2028   CURANDAG C ACOGUA   1785   ACOGUA   1784   UURACCORD (URANDAG GEOGUIUAGE COAN TACCARDA   1792   2029   CURANDAG C ACOGUIUAGE   1786   ACOGUA   1785   ACOGUA   1785   2020   CURANDAG C ACOGUIUAGE   1786   ACOGUA   1785   ACOGUA   1785   2020   CURANDAG C ACOCUUU   1786   ACOGUA   1786   ACOGUA   1786   ACOGUA   1786   2020   CURANDAG C ACOCUUU   1786   ACOGUA   1786   ACOGUA   1786   2020   CURANDAG C ACOCUUU   1786   ACOGUA   1786   ACOGUA   1786   2020   AURACCORD   ACOGUA   1786   ACOGUA   1786   ACOGUA   1786   2020   AURACCORD   ACOGUA   1786   ACOGUA   1786   ACOGUA   1786   2020   AURACCORD   ACOCUU   1786   ACOGUA   1786   ACOCUU   1786   2020   AURACCORD   ACOCUU   1786   ACOCUU   1786   ACOCUU   1786   2020   AURACCORD   ACOCUU   1786   ACOCUU   1786   ACOCUU   1786   2020   ACOCUU   ACOCUU   1786   ACOCUU   1786   ACOCUU   1786   2020   ACOCUU   ACOCUU   1786   ACOCUU   1786   ACOCUU   1786   2020   ACOCUU   ACOCUU   1786   ACOCUU   1786   ACOCUU   178	2019	<del></del>	1773	CUGCCCAC CUGAUGAG GCCGUUAGGC CGAA IGCGUUAG	17081
2011   100.000   100.000   1798   200.000   1798   201.000   1799   201.000   201.00	2026	CAGUGGGC A GAUUGGUC	1774	GACCAAUC CUGAUGAG GCCGUUAGGC CGAA ICCCACUG	17082
2011   UNGGUCAC U GUCAACCC   1776   GOGUUAGC CUARDAG GCCUUAGGC CAA TUGACCAA   17982   2041   UCAUCAC C CUUUUGUU   1779   AAACAMA CUGARGA GCCUUAGGC CAA TUGACCA   17982   2045   UGUCAAC C UUUUGUU   1779   AAACAMA CUGARGA GCCUUAGGC CAA TUGACCA   17982   2046   GUCAACCC U UUUGUUU   1789   GAAACAMA CUGARGAG GCCUUAGGC CAA TUGACCA   17982   2045   UCAGCAC C UUUGUUU   1780   GAAACAMA CUGARGAG GCCUUAGGC CAA TUGACCA   17982   2045   UCAGCAC C UUUGUUU   1780   GAAACAMA CUGARGAG GCCUUAGGC CAA TUGACCA   17982   2045   UCAGCAC C UUUGUUU   1780   GAAACAMA CUGARGAG GCCUUAGGC CAA TUGACCA   17982   2045   UCAGCAC C UUUGACA   1781   UUGACCAC CUGARGAG GCCUUAGGC CAA TACACCAC   17983   2046   UCAGCAC C UUUGACA   1782   UUGACCAC CUGARGAG GCCUUAGGC CAA TACACCAC   17982   2046   CACAGGC A ACGCUAA   1784   UUAGCAC CUGARGAG GCCUUAGGC CAA TACACCAC   17982   2047   GCCAGGC A ACGCUAA   1784   UUAGCAC CUGARGAG GCCUUAGGC CAA TACACCAC   17982   2048   CACAGGC A ACGCUAA   1784   UUAGCAC CUGARGAG GCCUUAGGC CAA TACACCAC   17982   2049   CUAAGGU C UGAUGAGA GCCUUAGGC CAA TACACCAC   17992   2040   CUAAGGU C UGAUGAGA GCCUUAGGC CAA TACACCAC   17992   2040   CUAAGGU C UGAUGAGA GCCUUAGGC CAA TACACCAC   17993   2041   UAAGGUC U GAUGAGA   1788   AUUCACAC CUGARGAG GCCUUAGGC CAA TACACCUUAG   17993   2040   CUAAGGU C UGAUGAGA GCCGUUAGGC CAA TACACCUUA   17995   2040   GAACCAC C UUUGAGA   1799   CCAAAGGG CUGARGAG GCCGUUAGGC CAA TACACCUUA   17993   2040   GAACCAC C UUUGAGA   1791   CUCCAAA CUGARGAG GCCGUUAGGC CAA TACACCUUA   17993   2040   GAACCAC C UUUGAGAA   1791   UCUCCAA CUGARGAG GCCGUUAGGC CAA TACACCUUA   17994   2100   GAACCAC C UUUGAGAA   1791   UCUCCAA CUGARGAG GCCGUUAGGC CAA TUGACCAC   17102   2101   MCCACAC C UUUGAGAA   1791   UUCCAA CUGARGAG GCCGUUAGGC CAA TUGACCAC   17102   2101   ACCACAC C UUUGAGAA   1791   UUCCAA CUGARGAG GCCGUUAGGC CAA TUGACCAC   17102   2101   ACCACAC C UUGAGAG   1791   UUCCAA CUGARGAG GCCGUUAGGC CAA TUGACCAC   17102   2101   ACCACAC C UUGAGAGA   1791   UUCCAA CUGARGAG CCCGUUAGGC CAA TUGACCAC   17102   2101   ACCACAC C UUGAGAG	2035	GAUUGGUC A CUGUCAAC	1775	GUUGACAG CUGAUGAG GCCGUUAGGC CGAA IACCAAUC	17083
2044   UGACUGUIC A ACCCUUNUGU   1779   AAAAGGG CUGAUGG CGAA IUGACGG   17986   2044   UGUCAAC C UUUUGUU   1779   AACAAAG CUGAUGG CGCUUAGGC CGAA IUGACGG   17986   2046   UUGACCC UUUUGUUU   1779   AACAAAG CUGAUGGG CGCUUAGGC CGAA IUGACGG   17986   2046   UUGACCC UUUUGUUU   1779   AACAAAG CUGAUGGG CGCUUAGGC CGAA IUGACGG   17986   2046   UUGACCC UUUUGUUU   1798   GAAACAAA CUGAUGGG CCGUUAGGC CAAA IUGACGGG   17982   UUGGCCAC CUGAUGAG   CCCGUUAGGC CGAA IUGACGGG   2046   17982   UUGGCCAC CUGAUGAG   CCCGUUAGGC CAAA IUGACGGG   17982   UUGGCCAC CUGAUGAG   CCCGUUAGGC   CGAA ICACACGA   17982   UUGGCCAC CUGAUGAG   CCCGUUAGGC   CGAA ICACACGA   17983   CCCGUUAGGC   CGAA ICACACGA   17983   CUGAGCGA   CCCGUUAGGC   CGAA ICACACGA   17981   CUGAGCGC   CUGAUGAG   CCCGUUAGGC   CGAA ICACACGA   17981   CUGAGCGC   CUGAUGAG   CCCGUUAGGC   CGAA ICACACGA   17982   CUGAGCGC   CAGAGGCC	2037	UUGGUCAC U GUCAACCC	1776		
2046   CUSICANC C CHUUSEUL 1778   AACADAM CUGARIGA GCOSTURAGE COAR INUGACIA 17085   2046   GUCARCCC D UUUGUUL 1778   AACADAM CUGARIGA GCOSTURAGE COAR INUGACIA 17087   2046   GUCARCCC D UUUGUUL 1788   GAALAAM CUGARIGA GCOSTURAGE COAR INUGACIA 17087   2046   GUCARCCC D UUUGUUL 1788   GAALAAM CUGARIGA GCOSTURAGE COAR INGUIDACA 17088   2045   UUUGUCCC CUGARIGA GCOSTURAGE COAR INGUIDACA 17088   2045   UUUGUCCC CUGARIGA GCOSTURAGE COAR INGUIDACA 17088   2045   UUGACCAC CUGARIGA GCOSTURAGE COAR INCACCAC 17092   2046   CACCAGG C AGAGGCAA 1783   UUGACCAC CUGARIGA GCOSTURAGE COAR ICCACUGA 17093   2046   CACCAGGC C AGAGGCAA 1783   UUGACCAC CUGARIGA GCOSTURAGE COAR ICCACUGA 17092   2046   CACAGGC C AGAGCAC 1783   UUGACCAC CUGARIGA GCOSTURAGE COAR ICCACUGA 17092   2046   CACAGGC C AGAGCAC 1784   UUAACCAC CUGARIGA GCOSTURAGE COAR ICCACUGA 17092   2047   CACAGGC C AGAGCAC C ACCAGGC A ACGCUAR 1785   AGAGACUU CUGARIGA GCOSTURAGE COAR ICCACUGA 17092   2048   CACAGGC C AGAGGCAC C CUCARGA CACAGGC C AACAGGC C AACAGGC C AACAGGC C CACAGGC C AACAGGC CAACAGGC C AACAGGC C AACAGGC C AACAGGC C AACAGGC C AACAGGC C A	2041	UCACUGUC A ACCCUUUU	1777		
2015   UDUGGUUC C UDUGGUUC   1789					<del></del>
2005					17086
2051   UNIGUIUTO A GUAGACCAC   1781   UNGACCAC CUBANGAG GCCOUNAGE COAR TRACADA   17081   2061   UCARDROG C A COGCCAA   1782   UNGACCAC CUBANGAG GCCOUNAGE COAR TRACADA   17081   2062   CARDROG C A COGCCAA   1783   UNGACCAC CUBANGAG GCCOUNAGE COAR TRACACOG   17091   2063   GCCAGGG C A ACGCUAA   1785   UNGACCAC UNGANGAG GCCOUNAGE COAR TRACACOG   17091   2064   CACAGGG C A ACGCUAA   1785   UNGACCAC UNGANGAG GCCOUNAGE COAR TRACAGGG   17092   2073   GCCAACGC U AAGGUCU   1786   AGGACCU CUBANGAG GCCOUNAGE COAR TRACADUM   17092   2080   CUAAGGUC U GUAUNGAA   1787   UNCAACAC URANGAG GCCOUNAGE COAR TRACADUM   17092   2081   UNAGGUC U GUAUNGAA   1787   UNCAACAC CUBANGAG GCCOUNAGE COAR TRACADUM   17092   2081   UNAGGUC U GUAUNGAA   1789   CUAAGGG CUBANGAG GCCOUNAGE COAR TRACADUM   17092   2095   AUGGARC C CCCUUUG   1799   CAAAGGG CUBANGAG GCCOUNAGE COAR TRACACUUA   17092   2096   AUGGARC A CCCUUUG   1799   CAAAGGG CUBANGAG GCCOUNAGE COAR TRACACUUA   17092   2099   UUGGAACC A CCCUUUG   1799   CAAAGGG CUBANGAG GCCOUNAGE COAR TRACACUUA   17092   2099   GAACCAC C UUUGGAG   1791   CUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2100   GAACCAC C UUUGGAG   1791   CUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGA   1792   CUAAGGG CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGA   1792   CUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U UUGGAGAC   1792   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   AACCACC U AUGAGAGA   1793   GUCUCCAAR CUBANGAG GCCOUNAGE COAR TRACACUUA   17093   2101   ACCACCUUA   17094   1709					17087
2052   CAGRIGGEC A CGGGCCAA   1793   UUGGCCGU CUGAUGAG GCGUULAGGC CGAA TCGCLUGA 1793   TO950   CGGGGGC CA CGGCCAAC   1793   GUUGGCGC CUGAUGAGG GCGGUULAGGC CGAA TCGCCUGGA 1793   CGGGGGG CACCAGGC A ACGCCUAA   1794   UUAAGCGU CUGAUGAG GCCGGUULAGGC CGAA TCGCGUGG C 1793   CGGGGGGGGGGC CGAA CGGCGGA CCGCGGG C ACGGCGA CCGCGGGG C ACGGCGAA CGGCGGAA CGGCGGGGGC CGAA CGGCGGG C A ACGCCGAA   1794   UUAAGCGU CUGAUGAGG GCCGGUULAGGC CGAA TCGCGUGG C 17992   CGAAGGC C A ACGCCGAA   1795   CGAAGGC C UCAAGGGC C CGAA TCGCGUGG C 17992   CGAAGGC C ACGGCGC L AGGGCGC L 1786   ACGCCGUC C CGAAGAGG C CGAA TCGCCGUGG C 17993   CGAAGGCC C CAAGGCC L CAGGCC C CAGGCC C CAGGCC C CAGGCC C CAGGCC C CAGGCC C CAGGCCC C CAGGCC C CAGGCCC CAGGCCC C CAGGCCC CAGGCCC C CAGGCCC CAGGCCC C CAGGCCC CAGGCCC C CAGGCCC CCAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGGCCC C CAGG	2046	GUCAACCC U UUUGUUUC	1780	GAAACAAA CUGAUGAG GCCGUUAGGC CGAA IGGUUGAC	17088
2061   UCAGUGGC A COGCCAA   1782   UUGGCCGU CUARUGAG   CCGUUAGGC CGAA TOCACUGA   17992   2065   CACAUGGC A CAGCUAA   1784   UUGACGCU CUARUGAG   GCCGUUAGGC CGAA TOCACUGA   17992   2066   CCACAGGC C AACGCUAA   1785   CUUAGGCG CUARUGAG   GCCGUUAGGC CGAA TOCACUGA   17992   2066   CCACAGGC C GAACGCUAA   1787   CUUAGGCG CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   2066   CCACAGGC C UARUGAAU   1785   CUUAGGCG CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   2066   CCACAGGC C UARUGAAU   1788   AGUCACUC CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   2061   UARUGACC CUARUGAAU   1788   AGUCACAC CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   2061   UARUGACC CUARUGAAU   1788   AGUCACAC CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   17995   UARUGAACC   CACCUUUAG   17993   CCACAGGC CUARUGAC   CCACUUAG   CACCUUAG   17991   CCACAGGC CUARUGAG   GCCGUUAGGC CGAA TACCUUAG   17992   UARUGAACC   CACCUUAG   17993   GCCGUUAGGC   CGAA TUACCUCAA   17993   CCACAGAG CUARUGAG   GCCGUUAGGC   CGAA TUACCUCAA   17993   UARUCAAA   CUARUGAG   GCCGUUAGGC   CGAA TUACCUCAA   17994   UARUCAAC   CUARUGAG   GCCGUUAGGC   CGAA TUACCUCAA   17994   CAURUGAAC   AURUCAAC   AURUCAAC   17994   CAURUGAAC   CUARUGAG   GCCGUUAGGC   CGAA TUACCUCAA   17994   CAURUGAAC   AURUCAAC   AURUCAAC   17994   CAURUGAAC   AURUCAAC   AURUCAAC   17994   CAURUGAAC   AURUCAAC   17994   CAURUGAAC   AURUCAAC   AURUCAAC   17994   CAURUGAA	2055	UUUGUUUC A GUGGCCAC	1781	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAACAAA	17089
2065   CACAGGGC A AGGCCAAC   1783   GUUGGCG CUANUAGG GCGUUAGGC CGDA ICCCACIG   17992   2066   CCACGGGC A ACGCUAG   1785   CUUAGGGI CUGANIGAG GCGGUUAGGC CGDA ICCCACIG   17992   20793   CCACAGGC U ANGGUCCU   1786   AGGACCUU CUGANIGAG GCCGUUAGGC CGDA ICCCACIG   17992   20793   CCACAGGC U ANGGUCCU   1786   AGGACCUU CUGANIGAG GCCGUUAGGC CGDA ICCCACIG   17992   2080   CULAAGGUC C GAAUGCACUUAG   17994   AUUCAAUCA CUGANIGAG GCCGUUAGGC CGDA IACCCUUAG   17995   20956   AUGGGAAC C ACCCUUGG   17999   CAAAGGG CUGANIGAG CCGDUUAGGC CGDA ITACCCUUA   17995   CAAAGGG CUGANIGAG GCCGUUAGGC CGDA ITACCCAAU   17997   17999   UUGGAACC A CCCUUUGGA   17991   CAAAGGG CUGANIGAG GCCGUUAGGC CGDA ITACCCAAU   17998   CAAAGGGC CUGANIGAG CCGAAUGCAAU   17998   20999   GGAACCAC C CUUUGGGA   17991   CUCCCAAC CUGANIGAG GCCGUUAGGC CGDA ITACCCAAU   17998   20999   GGAACCAC C CUUUGGGA   17991   CUCCCAAC CUGANIGAG GCCGUUAGGC CGDA ITACCCAAU   17991   CUCCCAAC CUGANIGAG GCCGUUAGGC CGDA ITACCCAAC   17901	2061	UCAGUGGC C ACGGCCAA	1782		
2066   GCCAGOGC C ANGGURA   1786   UURAGGUU CUGAUGAG   GCCGUUAGGC   CGAA COCGUGG   17692   2073   GCCAGAGC C ANGGURA   1785   CUUAGGGU CUGAUGAGG   GCGUUAGGC   CGAA COCGUGG   17693   2073   GCCAGAGCU C ANGGUCU   1786   AGGACCUU CUGAUGAGG   GCGUUAGGC   CGAA COCGUGG   17693   2080   CUAAGGUC C GUAAGGUC C GUAAGGUC C GAA COCGUGG   17894   TUCAAGC   CUGAUGAGG   GCCGUUAGGC   CGAA CACGUUGG   17894   TUCAAGC   CUGAUGAGG   GCCGUUAGGC   CGAA CACGUUGG   17895   TUCAAGCC   CUAAGGUC C GUAAGGUC C GUAAGGUC   17895   AUUGAAGC   CACCUUUGG   17896   CAAAGGGU   CUAAUGAG   GCCGUUAGGC   CGAA CACCUUUG   17996   CCAAAGGG   CUAAUGAG   GCCGUUAGGC   CGAA CACCUUUG   17997   CCAAAGGG   CUAAUGAG   GCCGUUAGGC   CGAA CACCC   CUUGGAGA   17921   CUCCAAA CUGAUGAG   GCCGUUAGGC   CGAA CACCC   CUUGGAGA   17921   CUCCAAA CUGAUGAG   GCCGUUAGGC   CGAA CACCC   CUUGGAGAC   C7991   CUCCAAA CUGAUGAG   GCCGUUAGGC   CGAA CACCC   CUUGGAGAC   C7991   CUCCAAA CUGAUGAG   GCCGUUAGGC   CGAA CACCC   CUCCAAA CACCC   CUUGGAGAC   C7991   CUCCAAA CUGAUGAG   GCCGUUAGGC   CGAA CACCC   CUCCAAA CACCAA CACCAAA CACCAAAA CACCAAA CACCAAA CACCAAA CACCAAAA C	2062	CAGUGGCC A CGGCCAAC	1783		<del></del>
2073   GCCACGCC A LOCCUARGO   1785   CUUAGGGI CUGANIGAG   GCCGUUAGGC   CGAA TGCCGGG   17693   2073   GCCACGC U ARGUICGU   1786   AGGACCUU CUGANIGAG   GCCGUUAGGC   CGAA TGCCGUUAG   17694   2080   CUAAGGUC C UGAUUGAA   1787   UUCAAUCA CUGANIGAG   GCCGUUAGGC   CGAA TGCCUUAG   17695   2081   UAAGGUCC U GAUUGAA   1788   AUUCAAUC CUGANIGAG   GCCGUUAGGC   CGAA TACCUUAG   17695   2095   AUUCAAUC   GUAAUGAG   CCCAUUAGG   CGAA TGCCACAU   17697   2097   UUGGAACC A CCCCUUG   1789   CAAAGGG CUGANIGAG   GCCGUUAGGC   CGAA TGUCCCAAU   17697   2099   UUGGAACC A CCCCUUGG   1790   CCAAAGGG CUGANIGAG   GCCGUUAGGC   CGAA TGUCCCAAU   17697   2099   GUAACCAC C UUUGGAG   1791   CUCCAAA CUGANIGAG   GCCGUUAGGC   CGAA TGUCCCAAU   17697   2100   GAACCAC C UUUGGAGA   1792   CUCCAAA CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCAAU   17696   2101   AACCACCC UUUGGAGA   1792   GUCUCCAA CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCAA   17606   2111   GUGGAGAC   AUACANIGA   1795   GUCUCCAA CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCAA   17606   2112   GGAGACUC   AUACANIGA   1795   GUCUCCAA CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCAA   17606   2113   GGAGACUC   AUACANIGA   1795   GUCUCCAA CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCAA   17607   2114   AGACCAC   AUACANIGA   1795   GACCACUCA   CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCCAA   17607   2115   ACCACAUAC   AUACANIGA   1795   GACCACUCA   CUGANIGAG   GCCGUUAGGC   CGAA TGUGCCCAA   17607   2116   ACCACACA   AGACCACU   1795   GAUUCACUC   CUGANIGAG   GCCGUUAGGC   CGAA TUGANIGAG   CCAAUTACA   17607   2117   AGACCAC   AGACCACU   1799   GAUUCACUC   CUGANIGAG   GCCGUUAGGC   CGAA TUGANIGAG   CCAAUTACA   17607   2118   AGACCAC   AGACCACU   1799   GAUUCACUC   CUGANIGAG   GCCGUUAGGC   CGAA TUGANIGAG   CCAAUTACA   17607   2119   ACACACUC   AUACANICA   1799   GAUUCACUC   CUGANIGAG   GCCGUUAGGC   CGAA TUGANIGAG   CCAAUTACA   17607   2110   ACCACACUC   ACCATAGGA   CUGANIGAG   GCCGUUAGGC   CGAA TUGANIGAC   17607   2111   AGACCAC   AGACCACU   1799   GAUUCACAC   17907   2112   AGACCAC   AGACCACU   17907   AGACCACU   17907   2113   ACCACACC   AGACCAC	2067	<del></del>			+
2013   GCANAGGU C U NAGGUCCU					17092
2081			<del></del>		17093
2091		GCCAACGC U AAGGUCCU	1786	AGGACCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	17094
2095   UMAGGICC U GAUUGAAU   1789   AUUCAAUC CUGAUGAG CCGULUAGG CGAA IGACCUDA   17095   2097   UUGGAACC A CCCUUUGG   1790   CCAAAGGG CUGAUGAG GCCGULUAGG CGAA IGACCUDA   17095   2099   GGAACCAC C CUUUGGAG   1791   CUCCAAA CUGAUGAG GCCGULUAGGC CGAA IGUUCCAA   17095   2100   GAACCACC C UUUGGAGA   1792   UCUCCAA CUGAUGAG GCCGULUAGGC CGAA IGUUCCAA   17096   2101   AACCACCC UUUGGAGA   1792   UCUCCAA CUGAUGAG GCCGULUAGGC CGAA IGUUCCAA   17097   2101   AACCACCC UUUGGAGA   1794   UUUCCCAA CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17101   2110   UUGGAGAC U CALIACAIA   1794   UUUCCCAC CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17101   2111   GUGAGAC U CALIACAIA   1795   ACIALUGUA CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17102   2112   GUGUGGGC A GAGGAGAA   1797   UUCUCCCU CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17104   2113   UGGUGGGC A GAGGAGAA   1797   UUCUCCCU CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17104   2114   AGACAACC A ACAGAUCA   1799   GAUUGAGC CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17104   2114   AGACAACC A ACAGAUCA   1799   GAUUGAGC CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17104   2115   AGUCAACC A AUUGACCA   1799   GAUUGAUCC CUGAUGAG GCCGULUAGGC CGAA IGUGGULC   17105   2116   ACACAACC A AUUGACCA   1800   AUUGAUGAC CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17106   2115   ACACAACC A AUUGACCA   1801   GUGAUGAC CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17106   2115   ACACAACC A AUUGACCA   1801   GUGAUGAC CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17107   2116   ACACAACC A UUGACACA   1801   GUGACACA CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17107   2117   CALIACCC A UUGACACA   1801   GUGGCACA CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17107   2118   CALIACCC A AUUGACAC   1801   GUGGCACA CUGAUGAG GCCGULUAGGC CGAA IGUGUCC   17107   2119   CALIACCC A AUUGACAC   1801   GUGGCACA CUGAUGAG GCCGULUAGGC CGAA IGUGAUGA   17112   2110   CALIACCC A AUUGACAC   1801   GUGGCACA CUGAUGAG GCCGULUAGGC CGAA IGUGAUGA   17112   2117   CUGAAAGA C ACACCCC   1802   GUGACACAC CUGAUGAG GCCGULUAGGC CGAA IGUGAUGA   17112   2118   CALIACCC A AUUGACAC   1801   GUGACACA CUGAUGAG GCCGULUAGGC CGAA IGUGA	2080	CUAAGGUC C UGAUUGAA	1787	UUCAAUCA CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	17095
2099	2081	UAAGGUCC U GAUUGAAU	1788		<del>                                     </del>
2099	2096	AUUGGAAC C ACCCUUUG	1789		+
2099   GGAACCAC C CUUUGGAG   1791   CUUCCAAA CUGAUGAG   GCGUUUAGGC   CGAA TUGGUUCC   17099	2097	<del></del>	<del></del>		<del></del>
2100			<del></del>		17098
2101   AACCACCC U UUUGAQAC   1793   GUUUCCAA CUGAUGAG GCCGUUAGGC   CGAA IGGUGGUU   17101		<del> </del>	+		17099
2110			1792		17100
2112   GGAGACUC A UACAURGU   1795   ACUAUGUA CUGAUGAG   GCCGUUAGGC   CGAA IAGUGUCC   17103	2101	AACCACCC U UUGGAGAC	1793	GUCUCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	17101
2115	2110	UUGGAGAC U CAUACAUA	1794		+
2116	2112	GGAGACUC A UACAUAGU	1795		
2128	2116	ACUCAUAC A UAGUGGUG	1796		
2138	2128	<del></del>	+		+
2141   AGAACAAC A GAUCAAUC   1799   GAUUGAUC CUGAUGAG   GCGUUJAGGC   GAA IUUGUUCU   17107					17105
2146		<del> </del>			17106
2150		+			17107
2150   GAUCANCE A CCAUUGGC   1802   GCCAAUGG CUGAUGAG CCGCUUAGGC CGAA IAUUGAUC   17109		AACAGAUC A AUCACCAU	1800	AUGGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGUU	17108
2152   UCAAUCAC C AUUGGCAC   1803   UGUGCCAAU CUGAUGAG   GCCGUUAGGC   CGAA IGUGUUGA   17110	2150	GAUCAAUC A CCAUUGGC	1801	GCCAAUGG CUGAUGAG GCCGUUAGGC CGAA IAUUGAUC	<del> </del>
2153   CANUCACC A UUGGCACA   1803   UGUGCCAA CUGAUGAG   GCCGUUAGGC   CGAA IGUGAUUG   17111	2152	UCAAUCAC C AUUGGCAC	1802		<del></del>
2159   CCAUUGGC A CAAGUCUG	2153	CAAUCACC A UUGGCACA	1803		<del></del>
2161   AUUGGCAC A AGUCUGGA   1805   UCCAGACU CUGAUGAG   GCCGUUAGGC   CGAA IUGCCAAU   17113	2159	<del></del>	+		
2166		<del></del>	<del> </del>		17112
2173   CUGGAAGC A GCAUUGGC   1807   GCCAAUGG CUGAUGAG GCCGUUAGGC CGAA ICUUCCAG   17115		<del></del>	<del></del>		17113
2176		<del> </del>			17114
2182   GCAUUGGC A AAGCCUUU	<u> </u>	<del> </del>	1807		17115
2182         GCAUUGGC A AAGCCUUU         1809         AAAGGCUU CUGAUGAG GCCGUUAGGC         CGAA ICCAAUGC         17117           2187         GGCAAAGC C UUUACAACC         1810         GUUGUAAA CUGAUGAG GCCGUUAGGC         CGAA ICUUUGCC         17118           2188         GCAAAGCC U UUACAACC         1811         GGUUGUAA CUGAUGAG GCCGUUAGGC         CGAA ICUUUGC         17119           2193         GCCUUUAC A ACCACCCU         1812         AGGGUGGU CUGAUGAG GCCGUUAGGC         CGAA IUAAAGGC         17120           2196         UUUACAAC C ACCCUCAA         1813         UUGAGGG CUGAUGAG GCCGUUAGGC         CGAA IUGUGAAA         17121           2197         UUACAACC A CCCUCAAA         1814         UUUGAGGG CUGAUGAG GCCGUUAGGC         CGAA IUGGUUGA         17122           2199         ACAACCAC C C CUCAAAGG         1815         CCUCUUGA CUGAUGAG GCCGUUAGGC         CGAA IUGGUUGU         17123           2200         CAACCACC C UCAAAGGA         1816         UCCUUUGA CUGAUGAG GCCGUUAGGC         CGAA IGGUGGU         17126           2201         AACCACCC U CAAAGGA         1816         UCCUUUGA CUGAUGAG GCCGUUAGGC         CGAA IGGUGGU         17125           2203         CCACCCUC A AAGGAGCA         1818         CGCUCCUU CUGAUGAG GCCGUUAGGC         CGAA IGGGGGU         17125           2213         AGGA	2176	GAAGCAGC A UUGGCAAA	1808	UUUGCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC	17116
2187         GGCAAAGC C UUUACAAC         1810         GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUGC         17118           2188         GCAAAGCC U UUACAACC         1811         GGUUGUAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUGC         17119           2193         GCCUUUAC A ACCACCCU         1812         AGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUUAGAAGG         17120           2196         UUUACAAC C ACCCUCAA         1813         UUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA         17121           2197         UUACAACC A CCCUCAAA         1814         UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA         17122           2199         ACAACCAC C CUCAAAGGA         1815         CCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG         177124           2200         CAACCACC C UCAAAGGA         1816         UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUU         17124           2201         AACCACCC U CAAAGGAG         1817         CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU         17125           2203         CCACCCUC A AAGGAGCG         1818         CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA ICCGCUCCU         17126           2213         AGGAGGC A GAGACUAG         1819         CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC         17127           2219         GCAGAGAC U AGCCGCUC         1820         GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC         17128           2223	2182	GCAUUGGC A AAGCCUUU	1809		
2188         GCAAAGCC U UUACAACC         1811         GGUUGUAA CUGAUGAG GCCGUUAGGC CGAA IGCUUGC         17119           2193         GCCUUUAC A ACCACCCU         1812         AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC         17120           2196         UUUACAAC C ACCCUCAA         1813         UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA         17121           2197         UUACAACC A CCCUCAAA         1814         UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUUAAA         17122           2199         ACAACCAC C CUCAAAGG         1815         CCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU         17123           2200         CAACCACC C UCAAAGGA         1816         UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG         17124           2201         AACCACCC U CAAAGGA         1817         CUCCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG         17125           2203         CCACCCUC A AAGGAGCG         1818         CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU         17126           2213         AGGAGCC A GAGACUAG         1819         CUAGUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUCCU         17127           2219         GCAAGAC U AGCCGCUC         1820         GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCCU         17128           2223         AGACUAGC C GCUCUAGG         1821         CCUAGAGAG CUGAUGAG GCCGUUAGGC CGAA ICCUGCU         17129           2226	2187	GGCAAAGC C UUUACAAC	1810		<del></del>
2193 GCCUUUAC A ACCACCCU 1812 AGGGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAAGGC 17120 2196 UUUACAAC C ACCCUCAA 1813 UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUAGUAAA 17121 2197 UUACAACC A CCCUCAAA 1814 UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA 17122 2199 ACAACCAC C CUCAAAGG 1815 CCUUUGAC CUGAUGAG GCCGUUAGGC CGAA IUUGUUGA 17123 2200 CAACCACC C UCAAAGGA 1816 UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2201 AACCACCC U CAAAGGAG 1817 CUCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2201 AACCACCC U CAAAGGAG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2203 CCACCCUC A AAGGAGCG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGGGGG 17126 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCC CUGAUGAG GCCGUUAGGC CGAA IAGGGGGG 17126 2213 AGGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IAGGGUGU 17127 2219 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCCU 17127 2223 AGACUAGC C CUAGAGGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2226 CUAGCCGC U CUAGAGAC 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2226 CUAGCCGC U CUAGAGAC 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2228 AGCCGCUC U AGGAGACA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICUCCUA 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2242 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2243 GUAGACA C GCUUGGGA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2244 GACACAGC U UGGGACA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCUCCAAG 17137 2256 UUUGGGAC U CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17137 2277 GGGUGUUC A CCUCAGUU 1829 AACUGAG CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17137 2277 UUCACCUC A GUUGGGA 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2277 UUCACCUC A GUUGGGA 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGAGACA 17140 2289 GGGAAGGC U GUCCAUCA	2188	GCAAAGCC U UUACAACC	1811		
2196 UUUACAAC C ACCCUCAA 1813 UUGAGGGU CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA 17121 2197 UUACAACC A CCCUCAAA 1814 UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA 17122 2199 ACAACCAC C CUCAAAGG 1815 CCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUGU 17123 2200 CAACCACC C UCAAAGGA 1816 UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2201 AACCACCC U CAAAGGAA 1817 CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17125 2203 CCACCCUC A AAGGAGCG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGGGGU 17126 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IAGGGGGG 17126 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA ICCCCCU 17127 2229 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCCCCU 17127 2220 GCAGCGC U CUAGGAGA 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCCCCU 17128 2223 AGACUAGC C GCUCUAGG 1821 CCUCAGAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCU 17128 2224 CUAGCCGC U CUAGGAGA 1822 UCCCCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCUCG 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2236 UAGGAGAC A CAGCUUGG 1824 CCCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2242 GUUGGAC U UUGGACG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCUCCAAG 17136 2243 GUUGGAC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 17136 2244 GUUGGAC U UUGGACG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 17136 2256 UUUGGAUC A CCUCAGGU 1829 AACUAGG CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 17136 2277 GUGUCACC U CAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IACCCCAAC 17137 2274 GUGUCACC U CAGUUGG 1831 CCCAACUGA CUGAUGAG GCCGUUAGGC CGAA IACCCCC 17137 2275 UGUCACCU A GUUGGGA 1831 CCCCACCG CUGAUGAG GCCGUUAGGC CGAA IACCCC 17137	2193	<del> </del>			
2197       UUACAACC A CCCUCAAA       1814       UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA       17121         2199       ACAACCAC C CUCAAAGG       1815       CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA       17122         2200       CAACCACC C UCAAAGGA       1816       UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUGU       17124         2201       AACCACCC U CAAAGGA       1817       CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGGGUGU       17125         2203       CCACCCUC A AAGGAGCG       1818       CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGGUGU       17126         2213       AGGAGCG A GAGACUAG       1819       CUAGUCUC CUGAUGAG GCCGUUAGGC CGAA ICCCUCU       17127         2219       GCAGGAGAC U AGCCGCUC       1820       GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUCU       17128         2223       AGACUAGC C GCUCUAGG I821       CCUAGAGG CUGAUGAG GCCGUUAGGC CGAA ICCCUCU       17128         2223       AGACUAGC C GCUCUAGG I821       CCUAGAGG CUGAUGAG GCCGUUAGGC CGAA ICCGCUCU       17129         2226       CUAGCGC U CUAGGAGA 1822       UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG       17129         2226       CUAGCGC U CUAGGAGA 1823       UGUCCUC CUGAUGAG GCCGUUAGGC CGAA IACCGCUAG       17130         2228       AGCCGCUC U AGGACA 1823       1823       UGUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA       17131         223	f	· · · · · · · · · · · · · · · · · · ·			17120
2199 ACAACCAC C CUCAAAGG 1815 CCUUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU 17123 2200 CAACCACC C UCAAAGGA 1816 UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU 17124 2201 AACCACC U CAAAGGAG 1817 CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2201 AACCACCC U CAAAGGAG 1817 CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17125 2203 CCACCCUC A AAGGAGCG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IAGGUGGU 17126 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCUC CUGAUGAG GCCGUUAGGC CGAA IAGGUGGU 17127 2219 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCCU 17127 2223 AGACUAGC C GCUCUAGG 1821 CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2224 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICGCCUA 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2238 GGAGACAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2242 GCUUGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17134 2248 CUUGGGAC U UUGGACCA 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCUCCAAG 17137 2249 GGUGUUC A CUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCCAAG 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAG 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1831 CCCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1831 CCCCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2275 UGUUCACC U CAGUUGG 1831 CCCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAACACC 17138 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGCGCAA 17139 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGCGCA 17139		<del></del>			17121
2200 CAACCACC C UCAAAGGA 1816 UCCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUGGUUGU 17123 2201 AACCACCC U CAAAGGAG 1817 CUCCUUUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUUG 17124 2203 CCACCCUC A AAGGAGGG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU 17125 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCUC CUGAUGAG GCCGUUAGGC CGAA IAGGUGGG 17126 2219 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICCUCCU 17127 2223 AGACUAGC C GCUCUAGG 1821 CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA ICCUCCU 17128 2224 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICCUCUCU 17129 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG 17130 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICCGCUAG 17131 2238 GGAGACAC A GCUUGGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2249 CUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17136 2270 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2271 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGG 1831 CCCCAACUG CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17137 2276 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140		<del> </del>	1814	UUUGAGGG CUGAUGAG GCCGUUAGGC CGAA IGUUGUAA	17122
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CCACCCUC A AAGGAGCG 1818 CGCUCCUU CUGAUGAG GCCGUUAGGC CGAA IAGGGUGG 17126 2213 AGGAGCGC A GAGACUAG 1819 CUAGUCUC CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU 17127 2219 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC 17128 2223 AGACUAGC C GCUCUAGG 1821 CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC 17129 2226 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICGGCUAG 17130 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGCU 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCUC 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCCA 17134 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2273 GGGUGUCC A CUCAGUUGG 1830 CCCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17138 2274 GUGUUCACC U CAGUUGG 1831 CCCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAGCACC 17137 2275 UGUUCACC U CAGUUGG 1831 CCCCAACUG CUGAUGAG GCCGUUAGGC CGAA IAGCACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140	2201	AACCACCC U CAAAGGAG	1817	CUCCULUG CUGALIGAG GCCGULIAGGC CGAA TCGUCGURI	
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2219 GCAGAGAC U AGCCGCUC 1820 GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU 17128 2223 AGACUAGC C GCUCUAGG 1821 CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC 17128 2226 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA ICGGCUAG 17130 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCCAAG 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IACACCC 17137 2275 UGUUCACC U CAGUUGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17138 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140					
AGACUAGC C GCUCUAGG 1821 CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC 17129  2226 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129  2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17130  2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132  2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132  2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133  2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134  2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135  2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136  2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136  2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137  2275 UGUUCACC U CAGUUGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139  2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140  2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140		<del></del>		COAGUCUC CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	17127
2226 CUAGCCGC U CUAGGAGA 1822 UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU 17129 2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCC 17133 2242 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17134 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17138 2275 UGUUCACC U CAGUUGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140				GAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IUCUCUGC	17128
2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCC 17133 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCCAAG 17135 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2273 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141			1821	CCUAGAGC CUGAUGAG GCCGUUAGGC CGAA ICUAGUCU	17129
2228 AGCCGCUC U AGGAGACA 1823 UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA IAGCGGCU 17131 2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCUCC 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAGCACAC 17138 2275 UGUUCACC U CAGUUGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140		CUAGCCGC U CUAGGAGA	1822	UCUCCUAG CUGAUGAG GCCGUUAGGC CGAA ICGGCUAG	17130
2236 UAGGAGAC A CAGCUUGG 1824 CCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUA 17132 2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCUCC 17133 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141	2228	AGCCGCUC U AGGAGACA	1823	UGUCUCCU CUGAUGAG GCCGUUAGGC CGAA TAGCGCCU	
2238 GGAGACAC A GCUUGGGA 1825 UCCCAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUCCA 17132 2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUGUCUCC 17133 2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141	2236	UAGGAGAC A CAGCUUGG	1824	CCAAGCUG CUGAUGAG GCCCUUACCG GGAA THOUGGUA	
2241 GACACAGC U UGGGACUU 1826 AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA IUGUCUCC 17133  2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC 17134  2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG 17135  2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136  2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17137  2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139  2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140  2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141	2238	GGAGACAC A GCURGGGA		UCCCAACC CICATIONS GCCGGGGGC CGAA TOCOCCOA	
2248 CUUGGGAC U UUGGAUCA 1827 UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA ICCCGGGC 17134 2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141				AACTICICA CITATION CONTRACTOR CON	
2256 UUUGGAUC A GUUGGAGG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141				AAGUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC	17134
2275 UUUCACCUC A GUUGGGAG 1828 CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA 17136 2272 GGGUGUUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141				UGAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAG	17135
2272 GGGUGUC A CCUCAGUU 1829 AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC 17137 2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141			1828	CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA	
2274 GUGUUCAC C UCAGUUGG 1830 CCAACUGA CUGAUGAG GCCGUUAGGC CGAA IUGAACAC 17138 2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141			1829	AACUGAGG CUGAUGAG GCCGUUAGGC CGAA IAACACCC	
2275 UGUUCACC U CAGUUGGG 1831 CCCAACUG CUGAUGAG GCCGUUAGGC CGAA IGUGAACA 17139 2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141	2274	GUGUUCAC C UCAGUUGG	1830	CCAACUGA CUGAUGAG GCCGHIJAGGC CGAA THIGAACAC	
2277 UUCACCUC A GUUGGGAA 1832 UUCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140 2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC 17141	2275	UGUUCACC U CAGUUGGG		CCCAACIIG CIIGAIIGAG GCCCTTIACGG COAR TOUGACAC	
2289 GGGAAGGC U GUCCAUCA 1833 UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGUGAA 17140	2277			INICCCARC CUCANGAC COORTINGAC COAA IGUGAACA	
DOADGEAC COGADGAG GCCGUUAGGC CGAA ICCUUCCC   17141				UCAUGAG GUGAUGAG GCCGUUAGGC CGAA IAGGUGAA	
CACUUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCU 17142				OGAUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCUUCCC	17141
1/136		-200000C C AUCAAGUG	1834	CACOUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCU	17142

2201	COCHOLOG & HOS SOUTH	1025	ACACHTINA CHICATIONA ACACHTINACA CON TATA	
2294	GGCUGUCC A UCAAGUGU	1835	ACACUUGA CUGAUGAG GCCGUUAGGC CGAA IGACAGCC	17143
2297	UGUCCAUC A AGUGUUCG	1836	CGAACACU CUGAUGAG GCCGUUAGGC CGAA IAUGGACA	17144
2313	GGAGGAGC A UUCCGCUC	1837	GAGCGGAA CUGAUGAG GCCGUUAGGC CGAA ICUCCUCC	17145
2317	GAGCAUUC C GCUCACUG	1838	CAGUGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCUC	17146
2320	CAUUCCGC U CACUGUUC	1839	GAACAGUG CUGAUGAG GCCGUUAGGC CGAA ICGGAAUG	17147
2322	UUCCGCUC A CUGUUCGG	1840	CCGAACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGGAA	
				17148
2324	CCGCUCAC U GUUCGGAG	1841	CUCCGAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGCGG	17149
2335	UCGGAGGC A UGUCCUGG	1842	CCAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUCCGA	17150
2340	GGCAUGUC C UGGAUAAC	1843	GUUAUCCA CUGAUGAG GCCGUUAGGC CGAA IACAUGCC	17151
2341	GCAUGUCC U GGAUAACG	1844	CGUUAUCC CUGAUGAG GCCGUUAGGC CGAA IGACAUGC	17152
2351	GAUAACGC A AGGAUUGC	1845	GCAAUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUUAUC	17153
2360	AGGAUUGC U GGGGGCUC	1846	GAGCCCCC CUGAUGAG GCCGUUAGGC CGAA ICAAUCCU	17154
2367	CUGGGGC U CUCCUGUU	1847		
<b>———</b>	<del></del>		AACAGGAG CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG	17155
2369	GGGGCUC U CCUGUUGU	1848	ACAACAGG CUGAUGAG GCCGUUAGGC CGAA IAGCCCCC	17156
2371	GGGCUCUC C UGUUGUGG	1849	CCACAACA CUGAUGAG GCCGUUAGGC CGAA IAGAGCCC	17157
2372	GGCUCUCC U GUUGUGGA	1850	UCCACAAC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	17158
2386	GGAUGGGC A UCAAUGCU	1851	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA ICCCAUCC	17159
2389	UGGGCAUC A AUGCUCGU	1852	ACGAGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCA	17160
2394	AUCAAUGC U CGUGAUAG	1853	CUAUCACG CUGAUGAG GCCGUUAGGC CGAA ICAUUGAU	17161
2406	GAUAGGUC C AUAGCUCU	1854	AGAGCUAU CUGAUGAG GCCGUUAGGC CGAA IACCUAUC	
2407		<del></del>		17162
	AUAGGUCC A UAGCUCUC	1855	GAGAGCUA CUGAUGAG GCCGUUAGGC CGAA IGACCUAU	17163
2412	UCCAUAGC U CUCACGUU	1856	AACGUGAG CUGAUGAG GCCGUUAGGC CGAA ICUAUGGA	17164
2414	CAUAGCUC U CACGUUUC	1857	GAAACGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUAUG	17165
2416	UAGCUCUC A CGUUUCUC	1858	GAGAAACG CUGAUGAG GCCGUUAGGC CGAA IAGAGCUA	17166
2423	CACGUUUC U CGCAGUUG	1859	CAACUGCG CUGAUGAG GCCGUUAGGC CGAA IAAACGUG	17167
2427	UUUCUCGC A GUUGGAGG	1860	CCUCCAAC CUGAUGAG GCCGUUAGGC CGAA ICGAGAAA	17168
2441	AGGAGUUC U GCUCUUCC	1861		
				17169
2444	AGUUCUGC U CUUCCUCU	1862	AGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAGAACU	17170
2446	uncugene n necnence	1863	GGAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17171
2449	ugcucuuc c ucucceug	1864	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17172
2450	GCUCUUCC U CUCCGUGA	1865	UCACGGAG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	17173
2452	UCUUCCUC U CCGUGAAC	1866	GUUCACGG CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17174
2454	UUCCUCUC C GUGAACGU	1867	ACGUUCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGGAA	17175
2465	GAACGUGC A CGCUGACA	1868	UGUCAGCG CUGAUGAG GCCGUUAGGC CGAA ICACGUUC	17176
2469	GUGCACGC U GACACUGG	1869		
				17177
2473	ACGCUGAC A CUGGGUGU	1870	ACACCCAG CUGAUGAG GCCGUUAGGC CGAA IUCAGCGU	17178
2475	GCUGACAC U GGGUGUGC	1871	GCACACCC CUGAUGAG GCCGUUAGGC CGAA IUGUCAGC	17179
2484	GGGUGUGC C AUAGACAU	1872	AUGUCUAU CUGAUGAG GCCGUUAGGC CGAA ICACACCC	17180
2485	GGUGUGCC A UAGACAUC	1873	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGCACACC	17181
2491	CCAUAGAC A UCAGCCGG	1874	CCGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUCUAUGG	17182
2494	UAGACAUC A GCCGGCAA	1875	UUGCCGGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUA	17183
2497	ACAUCAGC C GGCAAGAG	1876	CUCUUGCC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGU	
2501	CAGCCGGC A AGAGCUGA	1877		17184
			UCAGCUCU CUGAUGAG GCCGUUAGGC CGAA ICCGGCUG	17185
2507	GCAAGAGC U GAGAUGUG	1878	CACAUCUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUGC	17186
2530	GAGUGUUC A UACACAAU	1879	AUUGUGUA CUGAUGAG GCCGUUAGGC CGAA IAACACUC	17187
2534	GUUCAUAC A CAAUGAUG	1880	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA IUAUGAAC	17188
2536	UCAUACAC A AUGAUGUG	1881	CACAUCAU CUGAUGAG GCCGUUAGGC CGAA IUGUAUGA	17189
2550	GUGGAGGC U UGGAUGGA	1882	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICCUCCAC	17190
2560	GGAUGGAC C GGUACAAG	1883	CUUGUACC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	17191
2566	ACCGGUAC A AGUAUUAC	1884	GUAAUACU CUGAUGAG GCCGUUAGGC CGAA IUACCGGU	
2575	AGUAUUAC C CUGAAACG			17192
		1885	CGUUUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAUACU	17193
2576	GUAUUACC C UGAAACGC	1886	GCGUUUCA CUGAUGAG GCCGUUAGGC CGAA IGUAAUAC	17194
2577	UAUUACCC U GAAACGCC	1887	GGCGUUUC CUGAUGAG GCCGUUAGGC CGAA IGGUAAUA	17195
2585	UGAAACGC C ACAAGGCC	1888	GGCCUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUUCA	17196
2586	GAAACGCC A CAAGGCCU	1889	AGGCCUUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUC	17197
2588	AACGCCAC A AGGCCUAG	1890	CUAGGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGCGUU	17198
2593	CACAAGGC C UAGCCAAG	1891	CUUGGCUA CUGAUGAG GCCGUUAGGC CGAA ICCUUGUG	
2594	ACAAGGCC U AGCCAAGA	1892		17199
			UCUUGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUGU	17200
2598	GGCCUAGC C AAGAUCAU	1893	AUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUAGGCC	17201
2599	GCCUAGCC A AGAUCAUU	1894	AAUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUAGGC	17202
2605	CCAAGAUC A UUCAGAAA	1895	UUUCUGAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17203
2609	GAUCAUUC A GAAAGCUC	1896	GAGCUUUC CUGAUGAG GCCGUUAGGC CGAA IAAUGAUC	17204

2616	CAGAAAGC U CAUAAGGA	1897	UCCUUAUG CUGAUGAG GCCGUUAGGC CGAA ICUUUCUG	17205
2618	GAAAGCUC A UAAGGAAG	1898	CUUCCUUA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	
2639	GUGCGGUC U ACGAUCAG	1899	CUGAUCGU CUGAUGAG GCCGUUAGGC CGAA IACCGCAC	17206
2646	CUACGAUC A GUUUCCAG	1900		17207
2652	UCAGUUUC C AGACUGGA	+	CUGGAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCGUAG	17208
		1901	UCCAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAACUGA	17209
2653	CAGUUUCC A GACUGGAG	1902	CUCCAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAACUG	17210
2657	UUCCAGAC U GGAGCAUC	1903	GAUGCUCC CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	17211
2663	ACUGGAGC A UCAAAUGU	1904	ACAUUUGA CUGAUGAG GCCGUUAGGC CGAA ICUCCAGU	17212
2666	GGAGCAUC A AAUGUGGG	1905	CCCACAUU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCC	17213
2679	UGGGAAGC A GUGAAGGA	1906	UCCUUCAC CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA	17214
2693	GGACGAGC U GAACACUC	1907	GAGUGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCGUCC	17215
2698	AGCUGAAC A CUCUUUUG	1908	CAAAAGAG CUGAUGAG GCCGUUAGGC CGAA IUUCAGCU	17216
2700	CUGAACAC U CUUUUGAA	1909	UUCAAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAG	17217
2702	GAACACUC U UUUGAAGG	1910	CCUUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	17218
2725	GUGUGGAC C UUAGUGUC	1911	GACACUAA CUGAUGAG GCCGUUAGGC CGAA IUCCACAC	
2726	UGUGGACC U UAGUGUCG	1912	CGACACUA CUGAUGAG GCCGUUAGGC CGAA IGUCCACA	17219
2747	UGAGAAAC A GGAGGGAA	1913	UUCCCUCC CUGAUGAG GCCGUUAGGC CGAA IUUUCUCA	17220
2761	GAAUGUAC A AGUCAGCA	1914		17221
2766		<del></del>	UGCUGACU CUGAUGAG GCCGUUAGGC CGAA IUACAUUC	17222
	UACAAGUC A GCACCUAA	1915	UUAGGUGC CUGAUGAG GCCGUUAGGC CGAA IACUUGUA	17223
2769	AAGUCAGC A CCUAAACG	1916	CGUUUAGG CUGAUGAG GCCGUUAGGC CGAA ICUGACUU	17224
2771	GUCAGCAC C UAAACGCC	1917	GGCGUUUA CUGAUGAG GCCGUUAGGC CGAA IUGCUGAC	17225
2772	UCAGCACC U AAACGCCU	1918	AGGCGUUU CUGAUGAG GCCGUUAGGC CGAA IGUGCUGA	17226
2779	CUAAACGC C UCACCGCC	1919	GGCGGUGA CUGAUGAG GCCGUUAGGC CGAA ICGUUUAG	17227
2780	UAAACGCC U CACCGCCA	1920	UGGCGGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUUA	17228
2782	AACGCCUC A CCGCCACC	1921	GGUGGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGCGUU	17229
2784	CGCCUCAC C GCCACCAC	1922	GUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUGAGGCG	17230
2787	CUCACCGC C ACCACGGA	1923	UCCGUGGU CUGAUGAG GCCGUUAGGC CGAA ICGGUGAG	17231
2788	UCACCGCC A CCACGGAA	1924	UUCCGUGG CUGAUGAG GCCGUUAGGC CGAA IGCGGUGA	<del></del>
2790	ACCGCCAC C ACGGAAAA	1925	UUUUCCGU CUGAUGAG GCCGUUAGGC CGAA IUGGCGGU	17232
2791	CCGCCACC A CGGAAAAA	1926		17233
2812	AAAUUGGC U GGAAGGCC	1927		17234
2820	UGGAAGGC C UGGGGAAA		GGCCUUCC CUGAUGAG GCCGUUAGGC CGAA ICCAAUUU	17235
2821		1928	UUUCCCCA CUGAUGAG GCCGUUAGGC CGAA ICCUUCCA	17236
2844	GGAAGGCC U GGGGAAAG	1929	CUUUCCCC CUGAUGAG GCCGUUAGGC CGAA IGCCUUCC	17237
	UUAUUUGC A CCAGAACU	1930	AGUUCUGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUAA	17238
2846	AUUUGCAC C AGAACUCG	1931	CGAGUUCU CUGAUGAG GCCGUUAGGC CGAA IUGCAAAU	17239
2847	UUUGCACC A GAACUCGC	1932	GCGAGUUC CUGAUGAG GCCGUUAGGC CGAA IGUGCAAA	17240
2852	ACCAGAAC U CGCCAACA	1933	UGUUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUCUGGU	17241
2856	GAACUCGC C AACAACAC	1934	GUGUUGUU CUGAUGAG GCCGUUAGGC CGAA ICGAGUUC	17242
2857	AACUCGCC A ACAACACC	1935	GGUGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCGAGUU	17243
2860	UCGCCAAC A ACACCUUU	1936	AAAGGUGU CUGAUGAG GCCGUUAGGC CGAA IUUGGCGA	17244
2863	CCAACAAC A CCUUUGUG	1937	CACAAAGG CUGAUGAG GCCGUUAGGC CGAA IUUGUUGG	17245
2865	AACAACAC C UUUGUGGU	1938	ACCACAAA CUGAUGAG GCCGUUAGGC CGAA IUGUUGUU	17246
2866	ACAACACC U UUGUGGUU	1939	AACCACAA CUGAUGAG GCCGUUAGGC CGAA IGUGUUGU	
2882	UGAUGGUC C GGAGACCA	1940	UGGUCUCC CUGAUGAG GCCGUUAGGC CGAA IACCAUCA	17247
2889	CCGGAGAC C AAGGAAUG	1941	CAUUCCUU CUGAUGAG GCCGUUAGGC CGAA IUCUCCGG	17248
2890	CGGAGACC A AGGAAUGU	1942	ACAUUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUCCGG	17249
2900	GGAAUGUC C GACUCAGA	1943		17250
2904	UGUCCGAC U CAGAAUCG	1943	UCUGAGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	17251
2906			CGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGACA	17252
	UCCGACUC A GAAUCGCG	1945	CGCGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGUCGGA	17253
2916	AAUCGCGC U UGGAAUAG	1946	CUAUUCCA CUGAUGAG GCCGUUAGGC CGAA ICGCGAUU	17254
2926	GGAAUAGC U UAGAAGUG	1947	CACUUCUA CUGAUGAG GCCGUUAGGC CGAA ICUAUUCC	17255
2954	AUUUGGUC U CACCAGCA	1948	UGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IACCAAAU	17256
2956	UUGGUCUC A CCAGCACU	1949	AGUGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGACCAA	17257
2958	GGUCUCAC C AGCACUCG	1950	CGAGUGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGACC	17258
2959	GUCUCACC A GCACUCGG	1951	CCGAGUGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGAC	17259
2962	UCACCAGC A CUCGGAUG	1952	CAUCCGAG CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	17260
2964	ACCAGCAC U CGGAUGUU	1953	AACAUCCG CUGAUGAG GCCGUUAGGC CGAA IUGCUGGU	17261
2974	GGAUGUUC C UGAAGGUC	1954	GACCUUCA CUGAUGAG GCCGUUAGGC CGAA IAACAUCC	17262
2975	GAUGUUCC U GAAGGUCA	1955	UGACCUUC CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	
2983	UGAAGGUC A GAGAGAGC	1956	GCUCUCUC CUGAUGAG GCCGUUAGGC CGAA IACCUUCA	17263
2992	GAGAGAGC A ACACAACU	1957		17264
2995	AGAGCAAC A CAACUGAA	1958	AGUUGUGU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUC	17265
		1930	UUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCUCU	17266

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2997 3000	AGCAACAC A ACUGAAUG AACACAAC U GAAUGUGA	1959	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGCU	17267
	ANCACAAC II CAAIICIICA			
	MACACAMC D GAMOGOGM	1960	UCACAUUC CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	17268
3010	AAUGUGAC U CGAAGAUC	1961	GAUCUUCG CUGAUGAG GCCGUUAGGC CGAA IUCACAUU	17269
3019	CGAAGAUC A UUGGAACG	1962	CGUUCCAA CUGAUGAG GCCGUUAGGC CGAA IAUCUUCG	17270
3030	GGAACGGC U GUCAAGAA	1963	UUCUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGUUCC	17271
3034	CGGCUGUC A AGAACAAC	1964	GUUGUUCU CUGAUGAG GCCGUUAGGC CGAA IACAGCCG	17272
3040	UCAAGAAC A ACUUGGCG	1965	CGCCAAGU CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	17273
3043	AGAACAAC U UGGCGAUC	1966	GAUCGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGUUCU	
3052	UGGCGAUC C ACAGUGAC	1967	GUCACUGU CUGAUGAG GCCGUUAGGC CGAA IAUCGCCA	17274
3053	GGCGAUCC A CAGUGACC			17275
3055		1968	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA IGAUCGCC	17276
	CGAUCCAC A GUGACCUG	1969	CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUGGAUCG	17277
3061	ACAGUGAC C UGUCCUAU	1970	AUAGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	17278
3062	CAGUGACC U GUCCUAUU	1971	AAUAGGAC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	17279
3066	GACCUGUC C UAUUGGAU	1972	AUCCAAUA CUGAUGAG GCCGUUAGGC CGAA IACAGGUC	17280
3067	ACCUGUCC U AUUGGAUU	1973	AAUCCAAU CUGAUGAG GCCGUUAGGC CGAA IGACAGGU	17281
3082	UUGAAAGC A GGCUCAAU	1974	AUUGAGCC CUGAUGAG GCCGUUAGGC CGAA ICUUUCAA	17282
3086	AAGCAGGC U CAAUGAUA	1975	UAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGCUU	17283
3088	GCAGGCUC A AUGAUACG	1976	CGUAUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCCUGC	17284
3104	GUGGAAGC U UGAAAGGG	1977	CCCUUUCA CUGAUGAG GCCGUUAGGC CGAA ICUUCCAC	17285
3114	GAAAGGGC A GUUCUGGG	1978	CCCAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCCUUUC	17286
3119	GGCAGUUC U GGGUGAAG	1979	CUUCACCC CUGAUGAG GCCGUUAGGC CGAA IAACUGCC	17287
3130	GUGAAGUC A AAUCAUGU	1980	ACAUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUUCAC	17288
3135	GUCAAAUC A UGUACGUG	1981	CACGUACA CUGAUGAG GCCGUUAGGC CGAA IAUUUGAC	17289
3146	UACGUGGC C UGAGACGC	1982	GCGUCUCA CUGAUGAG GCCGUUAGGC CGAA ICCACGUA	17290
3147	ACGUGGCC U GAGACGCA	1983	UGCGUCUC CUGAUGAG GCCGUUAGGC CGAA IGCCACGU	17291
3155	UGAGACGC A UACCUUGU	1984	ACAAGGUA CUGAUGAG GCCGUUAGGC CGAA ICGUCUCA	17292
3159	ACGCAUAC C UUGUGGGG	1985	CCCCACAA CUGAUGAG GCCGUUAGGC CGAA IUAUGCGU	17293
3160	CGCAUACC U UGUGGGGC	1986	GCCCCACA CUGAUGAG GCCGUUAGGC CGAA IGUAUGCG	17294
3178	AUGGAAUC C UUGAGAGU	1987	ACUCUCAA CUGAUGAG GCCGUUAGGC CGAA IAUUCCAU	17295
3179	UGGAAUCC U UGAGAGUG	1988	CACUCUCA CUGAUGAG GCCGUUAGGC CGAA IGAUUCCA	17296
3190	AGAGUGAC U UGAUAAUA	1989	UAUUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU	17297
3200	GAUAAUAC C AGUCACAC	1990	GUGUGACU CUGAUGAG GCCGUUAGGC CGAA IUAUUAUC	17298
3201	AUAAUACC A GUCACACU	1991	AGUGUGAC CUGAUGAG GCCGUUAGGC CGAA IGUAUUAU	17299
3205	UACCAGUC A CACUGGCG	1992	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA IACUGGUA	17300
3207	CCAGUCAC A CUGGCGGG	1993	CCCGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGACUGG	17301
3209	AGUCACAC U GGCGGGAC	1994	GUCCCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGACU	17302
3218	GGCGGGAC C ACGAAGCA	1995	UGCUUCGU CUGAUGAG GCCGUUAGGC CGAA IUCCCGCC	17303
3219	GCGGGACC A CGAAGCAA	1996	UUGCUUCG CUGAUGAG GCCGUUAGGC CGAA IGUCCCGC	17304
3226	CACGAAGC A AUCACAAU	1997	AUUGUGAU CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17305
3230	AAGCAAUC A CAAUCGGA	1998	UCCGAUUG CUGAUGAG GCCGUUAGGC CGAA IAUUGCUU	17306
3232	GCAAUCAC A AUCGGAGA	1999	UCUCCGAU CUGAUGAG GCCGUUAGGC CGAA IUGAUUGC	17307
3242	UCGGAGAC C UGGGUACA	2000	UGUACCCA CUGAUGAG GCCGUUAGGC CGAA IUCUCCGA	17308
3243	CGGAGACC U GGGUACAA	2001	UUGUACCC CUGAUGAG GCCGUUAGGC CGAA IGUCUCCG	17309
3250	CUGGGUAC A AGACACAA	2002	UUGUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCCAG	17310
3255	UACAAGAC A CAAAACCA	2003	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUGUA	17311
3257	CAAGACAC A AAACCAGG	2004	CCUGGUUU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUG	17312
3262	CACAAAAC C AGGGCCCA	2005	UGGGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	17313
3263	ACAAAACC A GGGCCCAU	2006	AUGGGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUGU	17314
3268	ACCAGGGC C CAUGGGAC	2007	GUCCCAUG CUGAUGAG GCCGUUAGGC CGAA ICCCUGGU	17315
3269	CCAGGGCC C AUGGGACG	2008	CGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	17316
3270	CAGGGCCC A UGGGACGA	2009	UCGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGGCCCUG	17317
3283	ACGAAGGC C GGGUAGAG	2010	CUCUACCC CUGAUGAG GCCGUUAGGC CGAA ICCUUCGU	17318
3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUCGA	17320
3310	AUUACUGC C CAGGAACU	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3311	UUACUGCC C AGGAACUA	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3312	UACUGCCC A GGAACUAC	2015	GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	17323
3318	CCAGGAAC U ACGGUCAC	2016	GUGACCGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUGG	17323
3325	CUACGGUC A CCCUGAGU	2017	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA 1ACCGUAG	
3327	ACGGUCAC C CUGAGUGA	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17325
3328	CGGUCACC C UGAGUGAG	2019	CUCACUCA CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17326
			UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGUGACCG	17327
3329	GGUCACCC U GAGUGAGA	2020	UCUCACUC CUGANGAG GOODHIINGOO OGAA IGGIIGAOO I	17328

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3298	AGAUUGAC U UCGAUUAC	2011	GUAAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCU	17319
3307	UCGAUUAC U GCCCAGGA	2012	UCCUGGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUCGA	17320
3310	AUUACUGC C CAGGAACU	2013	AGUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICAGUAAU	17321
3311	UUACUGCC C AGGAACUA	2014	UAGUUCCU CUGAUGAG GCCGUUAGGC CGAA IGCAGUAA	17322
3312	UACUGCCC A GGAACUAC	2015	GUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGGCAGUA	
3318	CCAGGAAC U ACGGUCAC	2016	GUGACOGU CUGAUGAG GCCGUUAGGC CGAA IUUCCUGG	17323
3325	CUACGGUC A CCCUGAGU	2017		17324
<u> </u>	<del></del>	+	ACUCAGGG CUGAUGAG GCCGUUAGGC CGAA IACCGUAG	17325
3327	ACGGUCAC C CUGAGUGA	2018	UCACUCAG CUGAUGAG GCCGUUAGGC CGAA IUGACCGU	17326
3328	CGGUCACC C UGAGUGAG	2019	CUCACUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACCG	17327
3329	GGUCACCC U GAGUGAGA	2020	UCUCACUC CUGAUGAG GCCGUUAGGC CGAA IGGUGACC	17328
3340	GUGAGAGC U GCGGACAC	2021	GUGUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	17329
3347	CUGCGGAC A CCGUGGAC	2022	GUCCACGG CUGAUGAG GCCGUUAGGC CGAA IUCCGCAG	17330
3349	GCGGACAC C GUGGACCU	2023	AGGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCGC	17331
3356	CCGUGGAC C UGCCACUC	2024	GAGUGGCA CUGAUGAG GCCGUUAGGC CGAA IUCCACGG	17332
3357	CGUGGACC U GCCACUCG	2025	CGAGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCCACG	17333
3360	GGACCUGC C ACUCGCAC	2026	GUGCGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGGUCC	17334
3361	GACCUGCC A CUCGCACC	2027	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA IGCAGGUC	17335
3363	CCUGCCAC U CGCACCAC	2028	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGG	17336
3367	CCACUCGC A CCACCACA	2029	UGUGGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGUGG	
3369	ACUCGCAC C ACCACAGA	2030		17337
3370	CUCGCACC A CCACAGAG	2031	CUCUGUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCGAGU CUCUGUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	17338
3372	CGCACCAC C ACAGAGAG	2032	<del></del>	17339
3372		<del></del>	CUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	17340
	GCACCACC A CAGAGAGC	2033	GCUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	17341
3375	ACCACCAC A GAGAGCGG	2034	CCGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUGGUGGU	17342
3396	UUGAUAAC A GAUUGGUG	2035	CACCAAUC CUGAUGAG GCCGUUAGGC CGAA IUUAUCAA	17343
3406	AUUGGUGC U GCAGGAGC	2036	GCUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICACCAAU	17344
3409	GGUGCUGC A GGAGCUGC	2037	GCAGCUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCACC	17345
3415	GCAGGAGC U GCACCUUA	2038	UAAGGUGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUGC	17346
3418	GGAGCUGC A CCUUACCA	2039	UGGUAAGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC	17347
3420	AGCUGCAC C UUACCACC	2040	GGUGGUAA CUGAUGAG GCCGUUAGGC CGAA IUGCAGCU	17348
3421	GCUGCACC U UACCACCA	2041	UGGUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUGCAGC	17349
3425	CACCUUAC C ACCACUGC	2042	GCAGUGGU CUGAUGAG GCCGUUAGGC CGAA IUAAGGUG	17350
3426	ACCUUACC A CCACUGCG	2043	CGCAGUGG CUGAUGAG GCCGUUAGGC CGAA IGUAAGGU	17351
3428	CUUACCAC C ACUGCGCU	2044	AGCGCAGU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAG	
3429	UUACCACC A CUGCGCUA	2045	UAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	17352
3431	ACCACCAC U GCGCUACC	2046		17353
3436	CACUGCGC U ACCAAACU	2047		17354
3439	UGCGCUAC C AAACUGAC		AGUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICGCAGUG	17355
		2048	GUCAGUUU CUGAUGAG GCCGUUAGGC CGAA IUAGCGCA	17356
3440	GCGCUACC A AACUGACA	2049	UGUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGUAGCGC	17357
3444	UACCAAAC U GACAGCGG	2050	CCGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUUUGGUA	17358
3448	AAACUGAC A GCGGCUGU	2051	ACAGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUUU	17359
3454	ACAGCGGC U GUUGGUAU	2052	AUACCAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	17360
3475	UGGAGAUC A GACCACAG	2053	CUGUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	17361
3479	GAUCAGAC C ACAGAGAC	2054	GUCUCUGU CUGAUGAG GCCGUUAGGC CGAA IUCUGAUC	17362
3480	AUCAGACC A CAGAGACA	2055	UGUCUCUG CUGAUGAG GCCGUUAGGC CGAA IGUCUGAU	17363
3482	CAGACCAC A GAGACAUG	2056	CAUGUCUC CUGAUGAG GCCGUUAGGC CGAA IUGGUCUG	17364
3488	ACAGAGAC A UGAUGAAA	2057	UUUCAUCA CUGAUGAG GCCGUUAGGC CGAA IUCUCUGU	17365
3501	GAAAAGAC C CUCGUGCA	2058	UGCACGAG CUGAUGAG GCCGUUAGGC CGAA IUCUUUUC	17366
3502	AAAAGACC C UCGUGCAG	2059	CUGCACGA CUGAUGAG GCCGUUAGGC CGAA IGUCUUUU	
3503	AAAGACCC U CGUGCAGU	2060	ACUGCACG CUGAUGAG GCCGUUAGGC CGAA IGGCCUUU	17367
3509	CCUCGUGC A GUCACAAG	2061	CUUGUGAC CUGAUGAG GCCGUUAGGC CGAA ICACGAGG	17368
3513	GUGCAGUC A CAAGUGAA	2062		17369
3515	GCAGUCAC A AGUGAAUG		UUCACUUG CUGAUGAG GCCGUUAGGC CGAA IACUGCAC	17370
3525		2063	CAUUCACU CUGAUGAG GCCGUUAGGC CGAA IUGACUGC	17371
	GUGAAUGC U UAUAAUGC	2064	GCAUUAUA CUGAUGAG GCCGUUAGGC CGAA ICAUUCAC	17372
3534	UAUAAUGC U GAUAUGAU	2065	AUCAUAUC CUGAUGAG GCCGUUAGGC CGAA ICAUUAUA	17373
3547	UGAUUGAC C CUUUUCAG	2066	CUGAAAAG CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	17374
3548	GAUUGACC C UUUUCAGU	2067	ACUGAAAA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	17375
3549	AUUGACCC U UUUCAGUU	2068	AACUGAAA CUGAUGAG GCCGUUAGGC CGAA IGGUCAAU	17376
3554	CCCUUUUC A GUUGGGCC	2069	GGCCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAGGG	17377
3562	AGUUGGGC C UUCUGGUC	2070	GACCAGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACU	17378
3563	GUUGGGCC U UCUGGUCG	2071	CGACCAGA CUGAUGAG GCCGUUAGGC CGAA IGCCCAAC	17379

3566	GGGCCUUC U GGUCGUGU	2072	ACACGACC CUGAUGAG GCCGUUAGGC CGAA IAAGGCCC	12200
3577	UCGUGUUC U UGGCCACC	2073	GGUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAACACGA	17380
3582	UUCUUGGC C ACCCAGGA	2074	UCCUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAAGAA	17381
3583	UCUUGGCC A CCCAGGAG	2075		17382
	·	+	CUCCUGGG CUGAUGAG GCCGUUAGGC CGAA IGCCAAGA	17383
3585	UUGGCCAC C CAGGAGGU	2076	ACCUCCUG CUGAUGAG GCCGUUAGGC CGAA IUGGCCAA	17384
3586	UGGCCACC C AGGAGGUC	2077	GACCUCCU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCA	17385
3587	GGCCACCC A GGAGGUCC	2078	GGACCUCC CUGAUGAG GCCGUUAGGC CGAA IGGUGGCC	17386
3595	AGGAGGUC C UUCGCAAG	2079	CUUGCGAA CUGAUGAG GCCGUUAGGC CGAA IACCUCCU	17387
3596	GGAGGUCC U UCGCAAGA	2080	UCUUGCGA CUGAUGAG GCCGUUAGGC CGAA IGACCUCC	17388
3601	UCCUUCGC A AGAGGUGG	2081	CCACCUCU CUGAUGAG GCCGUUAGGC CGAA ICGAAGGA	17389
3612	AGGUGGAC A GCCAAGAU	2082	AUCUUGGC CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	17390
3615	UGGACAGC C AAGAUCAG	2083	CUGAUCUU CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	17391
3616	GGACAGCC A AGAUCAGC	2084	GCUGAUCU CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	17392
3622	CCAAGAUC A GCAUGCCA	2085	UGGCAUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUUGG	17393
3625	AGAUCAGC A UGCCAGCU	2086	AGCUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAUCU	17394
3629	CAGCAUGC C AGCUAUAC	2087	GUAUAGCU CUGAUGAG GCCGUUAGGC CGAA ICAUGCUG	17395
3630	AGCAUGCC A GCUAUACU	2088	AGUAUAGC CUGAUGAG GCCGUUAGGC CGAA IGCAUGCU	17396
3633	AUGCCAGC U AUACUGAU	2089	AUCAGUAU CUGAUGAG GCCGUUAGGC CGAA ICUGGCAU	
3638	AGCUAUAC U GAUUGCUC	2090	GAGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUAUAGCU	17397
3645	CUGAUUGC U CUGCUAGU	2091	ACUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCAG	17398
3647	GAUUGCUC U GCUAGUCC	2092	GGACUAGC CUGAUGAG GCCGUUAGGC CGAA ICAAUCAG	17399
3650	UGCUCUGC U AGUCCUGG	2092		17400
3655	UGCUAGUC C UGGUGUUU		CCAGGACU CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	17401
3656	<del></del>	2094	AAACACCA CUGAUGAG GCCGUUAGGC CGAA IACUAGCA	17402
3670	GCUAGUCC U GGUGUUUG	2095	CAAACACC CUGAUGAG GCCGUUAGGC CGAA IGACUAGC	17403
	UUGGGGGC A UUACUUAC	2096	GUAAGUAA CUGAUGAG GCCGUUAGGC CGAA ICCCCCAA	17404
3675	GGCAUUAC U UACACUGA	2097	UCAGUGUA CUGAUGAG GCCGUUAGGC CGAA IUAAUGCC	17405
3679	UUACUUAC A CUGAUGUG	2098	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IUAAGUAA	17406
3681	ACUUACAC U GAUGUGUU	2099	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IUGUAAGU	17407
3694	UGUUACGC U AUGUCAUC	2100	GAUGACAU CUGAUGAG GCCGUUAGGC CGAA ICGUAACA	17408
3700	GCUAUGUC A UCUUGGUG	2101	CACCAAGA CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	17409
3703	AUGUCAUC U UGGUGGGG	2102	CCCCACCA CUGAUGAG GCCGUUAGGC CGAA IAUGACAU	17410
3714	GUGGGGC A GCUUUCGC	2103	GCGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICCCCCAC	17411
3717	GGGGCAGC U UUCGCAGA	2104	UCUGCGAA CUGAUGAG GCCGUUAGGC CGAA ICUGCCCC	17412
3723	GCUUUCGC A GAAUCUAA	2105	UUAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICGAAAGC	17413
3729	GCAGAAUC U AAUUCGGG	2106	CCCGAAUU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	17414
3752	CGUGGUAC A CUUGGCGC	2107	GCGCCAAG CUGAUGAG GCCGUUAGGC CGAA IUACCACG	17415
3754	UGGUACAC U UGGCGCUC	2108	GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA IUGUACCA	17416
3761	CUUGGCGC U CAUGGCGA	2109	UCGCCAUG CUGAUGAG GCCGUUAGGC CGAA ICGCCAAG	17417
3763	UGGCGCUC A UGGCGACC	2110	GGUCGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCGCCA	17418
3771	AUGGCGAC C UUCAAGAU	2111	AUCUUGAA CUGAUGAG GCCGUUAGGC CGAA IUCGCCAU	17419
3772	UGGCGACC U UCAAGAUA	2112	UAUCUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGCCA	
3775	CGACCUUC A AGAUACAA	2113	UUGUAUCU CUGAUGAG GCCGUUAGGC CGAA IAAGGUCG	17420
3782	CAAGAUAC A ACCAGUGU	2114	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUAUCUUG	17421
3785	GAUACAAC C AGUGUUUA	2115	UAAACACU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUC UAAACACU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUC	17422
3786	AUACAACC A GUGUUUAU	2116		17423
3801	AUGGUGGC A UCGUUUCU	2117	AUAAACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAU	17424
3809	AUCGUUUC U CAAAGCGA		AGAAACGA CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	17425
3811	CGUUUCUC A AAGCGAGA	2118	UCGCUUUG CUGAUGAG GCCGUUAGGC CGAA IAAACGAU	17426
3825	AGAUGGAC C AACCAGGA	2119	UCUCGCUU CUGAUGAG GCCGUUAGGC CGAA IAGAAACG	17427
3826		2120	UCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCU	17428
	GAUGGACC A ACCAGGAG	2121	CUCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	17429
3829	GGACCAAC C AGGAGAAC	2122	GUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUCC	17430
3830	GACCAACC A GGAGAACA	2123	UGUUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUC	17431
3838	AGGAGAAC A UUUUGUUG	2124	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IUUCUCCU	17432
3858	UUGGCGGC U GUUUUCUU	2125	AAGAAAAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCAA	17433
3865	CUGUUUUC U UUCAAAUG	2126	CAUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAAAACAG	17434
3869	UUUCUUUC A AAUGGCUU	2127	AAGCCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAA	17435
3876	CAAAUGGC U UAUCACGA	2128	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA ICCAUUUG	17436
3881	GGCUUAUC A CGAUGCCC	2129	GGGCAUCG CUGAUGAG GCCGUUAGGC CGAA IAUAAGCC	17437
3888	CACGAUGC C CGCCAAAU	2130	AUUUGGCG CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG	17438
3889	ACGAUGCC C GCCAAAUU	2131	AAUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGCAUCGU	17439
3892	AUGCCCGC C AAAUUCUG	2132	CAGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGGGCAU	17440

Table IV

3893	UGCCCGCC A AAUUCUGC	2133	GCAGAAUU CUGAUGAG GCCGUUAGGC CGAA IGCGGGCA	17441
3899	CCAAAUUC U GCUCUGGG	2134	CCCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAUUUGG	17442
3902	AAUUCUGC U CUGGGAGA	2135	UCUCCCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAUU	
				17443
3904	UUCUGCUC U GGGAGAUC	2136	GAUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	17444
3913	GGGAGAUC C CUGAUGUG	2137	CACAUCAG CUGAUGAG GCCGUUAGGC CGAA IAUCUCCC	17445
3914	GGAGAUCC C UGAUGUGU	2138	ACACAUCA CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	17446
3915	GAGAUCCC U GAUGUGUU	2139	AACACAUC CUGAUGAG GCCGUUAGGC CGAA IGGAUCUC	17447
3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAUUCAA	17448
3932	GAAUUCAC U GGCGGUAG	2141	CUACCGCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUC	17449
3942	GCGGUAGC U UGGAUGAU	2142	AUCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICUACCGC	17450
3953	GAUGAUAC U GAGAGCCA	2143	UGGCUCUC CUGAUGAG GCCGUUAGGC CGAA IUAUCAUC	17451
3960	CUGAGAGC C AUAACAUU	2144	AAUGUUAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAG	
				17452
3961	UGAGAGCC A UAACAUUC	2145	GAAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGCUCUCA	17453
3966	GCCAUAAC A UUCACAAC	2146	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGC	17454
3970	UAACAUUC A CAACGACA	2147	UGUCGUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGUUA	17455
3972	ACAUUCAC A ACGACAUC	2148	GAUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUGAAUGU	17456
3978	ACAACGAC A UCAAACGU	2149	ACGUUUGA CUGAUGAG GCCGUUAGGC CGAA IUCGUUGU	17457
3981	ACGACAUC A AACGUGGU	2150	ACCACGUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCGU	17458
3995	GGUUGUUC C GCUGCUAG	2151	CUAGCAGC CUGAUGAG GCCGUUAGGC CGAA IAACAACC	17459
3998	UGUUCCGC U GCUAGCCC	2152	GGGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICGGAACA	17460
4001	UCCGCUGC U AGCCCUGC	2153	GCAGGGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCGGA	17461
4005	CUGCUAGC C CUGCUAAC	2154		
			GUUAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	17462
4006	UGCUAGCC C UGCUAACA	2155	UGUUAGCA CUGAUGAG GCCGUUAGGC CGAA IGCUAGCA	17463
4007	GCUAGCCC U GCUAACAC	2156	GUGUUAGC CUGAUGAG GCCGUUAGGC CGAA IGGCUAGC	17464
4010	AGCCCUGC U AACACCCG	2157	CGGGUGUU CUGAUGAG GCCGUUAGGC CGAA ICAGGGCU	17465
4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG CUGAUGAG GCCGUUAGGC CGAA IUUAGCAG	17466
4016	GCUAACAC C CGGGCUGA	2159	UCAGCCCG CUGAUGAG GCCGUUAGGC CGAA IUGUUAGC	17467
4017	CUAACACC C GGGCUGAG	2160	CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUAG	17468
4022	ACCCGGGC U GAGAUGCU	2161	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICCCGGGU	17469
4030	UGAGAUGC U UGAAUCUG	2162	CAGAUUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA	17470
4037	CUUGAAUC U GGAUGUGU	2163	ACACAUCC CUGAUGAG GCCGUUAGGC CGAA IAUUCAAG	17471
4048	AUGUGUAC A GGAUACUG	2164		<u> </u>
4055	CAGGAUAC U GCUGUUGA		CAGUAUCC CUGAUGAG GCCGUUAGGC CGAA IUACACAU	17472
-		2165	UCAACAGC CUGAUGAG GCCGUUAGGC CGAA IUAUCCUG	17473
4058	GAUACUGC U GUUGAUGG	2166	CCAUCAAC CUGAUGAG GCCGUUAGGC CGAA ICAGUAUC	17474
4078	GAAUAGGC A GCUUGAUC	2167	GAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICCUAUUC	17475
4081	UAGGCAGC U UGAUCAGG	2168	CCUGAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCUA	17476
4087	GCUUGAUC A GGGAGAAG	2169	CUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IAUCAAGC	17477
4104	AGGAGUGC A GCUGCAAA	2170	UUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICACUCCU	17478
4107	AGUGCAGC U GCAAAAAA	2171	UUUUUUGC CUGAUGAG GCCGUUAGGC CGAA ICUGCACU	17479
4110	GCAGCUGC A AAAAAGAA	2172	UUCUUUUU CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC	17480
4125	AAAGGAGC A AGUCUGCU	2173	AGCAGACU CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	17481
4130	AGCAAGUC U GCUAUGCU	2174	AGCAUAGC CUGAUGAG GCCGUUAGGC CGAA IACUUGCU	17482
4133	AAGUCUGC U AUGCUUGG	2175		
-			CCAAGCAU CUGAUGAG GCCGUUAGGC CGAA ICAGACUU	17483
4138	UGCUAUGC U UGGCUCUA	2176	UAGAGCCA CUGAUGAG GCCGUUAGGC CGAA ICAUAGCA	17484
4143	UGCUUGGC U CUAGCCUC	2177	GAGGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCAAGCA	17485
4145	CUUGGCUC U AGCCUCAA	2178	UUGAGGCU CUGAUGAG GCCGUUAGGC CGAA IAGCCAAG	17486
4149	GCUCUAGC C UCAACAGG	2179	CCUGUUGA CUGAUGAG GCCGUUAGGC CGAA ICUAGAGC	17487
4150	CUCUAGCC U CAACAGGA	2180	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUAGAG	17488
4152	CUAGCCUC A ACAGGACU	2181	AGUCCUGU CUGAUGAG GCCGUUAGGC CGAA IAGGCUAG	17489
4155	GCCUCAAC A GGACUUUU	2182	AAAAGUCC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGC	17490
4160	AACAGGAC U UUUCAACC	2183	GGUUGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGUU	17491
4165	GACUUUUC A ACCCCAUG	2184	CAUGGGGU CUGAUGAG GCCGUUAGGC CGAA IAAAAGUC	
4168	UUUUCAAC C CCAUGAUC	2185		17492
4169	UUUCAACC C CAUGAUCC		GAUCAUGG CUGAUGAG GCCGUUAGGC CGAA IUUGAAAA	17493
-		2186	GGAUCAUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAAA	17494
4170	UUCAACCC C AUGAUCCU	2187	AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGGUUGAA	17495
4171	UCAACCC A UGAUCCUU	2188	AAGGAUCA CUGAUGAG GCCGUUAGGC CGAA IGGGUUGA	17496
4177	CCAUGAUC C UUGCUGCU	2189	AGCAGCAA CUGAUGAG GCCGUUAGGC CGAA IAUCAUGG	17497
4178	CAUGAUCC U UGCUGCUG	2190	CAGCAGCA CUGAUGAG GCCGUUAGGC CGAA IGAUCAUG	17498
4182	AUCCUUGC U GCUGGACU	2191	AGUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAGGAU	17499
4185	CUUGCUGC U GGACUGAU	2192	AUCAGUCC CUGAUGAG GCCGUUAGGC CGAA ICAGCAAG	17500
4190	UGCUGGAC U GAUUGCAU	2193	AUGCAAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAGCA	17501
				7120T

			1adie IV	
4266	AUGUUUGC C AUCGUCGG	2207	CCGACGAU CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	17515
4267	UGUUUGCC A UCGUCGGA	2208	UCCGACGA CUGAUGAG GCCGUUAGGC CGAA IGCAAACA	17515
4280	CGGAGGGC U GGCAGAGC	+		17516
		2209	GCUCUGCC CUGAUGAG GCCGUUAGGC CGAA ICCCUCCG	17517
4284	GGGCUGGC A GAGCUUGA	2210	UCAAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCAGCCC	17518
4289	GGCAGAGC U UGACAUUG	2211	CAAUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	17519
4294	AGCUUGAC A UUGACUCC	2212	GGAGUCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAGCU	17520
4300	ACAUUGAC U CCAUGGCC	2213	GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUGU	17521
4302	AUUGACUC C AUGGCCAU	2214	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAAU	17522
4303	UUGACUCC A UGGCCAUU	2215	AAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAA	<del></del>
4308	UCCAUGGC C AUUCCAAU	2216	AUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGA	17523
4309	CCAUGGCC A UUCCAAUG	2217		17524
4313	GGCCAUUC C AAUGACUA		CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	17525
		2218	UAGUCAUU CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	17526
4314	GCCAUUCC A AUGACUAU	2219	AUAGUCAU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGC	17527
4320	CCAAUGAC U AUCGCGGG	2220	CCCGCGAU CUGAUGAG GCCGUUAGGC CGAA IUCAUUGG	17528
4331	CGCGGGGC U CAUGUUUG	2221	CAAACAUG CUGAUGAG GCCGUUAGGC CGAA ICCCCGCG	17529
4333	CGGGGCUC A UGUUUGCU	2222	AGCAAACA CUGAUGAG GCCGUUAGGC CGAA IAGCCCCG	17530
4341	AUGUUUGC U GCUUUCGU	2223	ACGAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAAACAU	17531
4344	UUUGCUGC U UUCGUGAU	2224	AUCACGAA CUGAUGAG GCCGUUAGGC CGAA ICAGCAAA	<b>└</b>
4356	GUGAUUUC U GGGAAAUC	2225	GAUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAAAUCAC	17532
4365	GGGAAAUC A ACAGAUAU	2226	AUAUCUGU CUGAUGAG GCCGUUAGGC CGAA IAUUUCCC	17533
4368	AAAUCAAC A GAUAUGUG	2227		17534
4396			CACAUAUC CUGAUGAG GCCGUUAGGC CGAA IUUGAUUU	17535
	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	17536
4401	GACAUUUC C UGGGAAAG	2229	CUUUCCCA CUGAUGAG GCCGUUAGGC CGAA IAAAUGUC	17537
4402	ACAUUUCC U GGGAAAGU	2230	ACUUUCCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17538
4416	AGUGAUGC A GAAAUUAC	2231	GUAAUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	17539
4425	GAAAUUAC A GGCUCGAG	2232	CUCGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAAUUUC	17540
4429	UUACAGGC U CGAGCGAA	2233	UUCGCUCG CUGAUGAG GCCGUUAGGC CGAA ICCUGUAA	17541
4454	UGUGCGGC U UGAUGAUG	2234	CAUCAUCA CUGAUGAG GCCGUUAGGC CGAA ICCGCACA	17542
4471	AUGGAAAC U UCCAGCUC	2235	GAGCUGGA CUGAUGAG GCCGUUAGGC CGAA IUUUCCAU	
4474	GAAACUUC C AGCUCAUG	2236	CAUGAGCU CUGAUGAG GCCGUUAGGC CGAA IAAGUUUC	17543
4475	AAACUUCC A GCUCAUGA	2237		17544
4478	CUUCCAGC U CAUGAAUG	+	UCAUGAGC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUU	17545
4480		2238	CAUUCAUG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG	17546
	UCCAGCUC A UGAAUGAU	2239	AUCAUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGGA	17547
4490	GAAUGAUC C AGGAGCAC	2240	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IAUCAUUC	17548
4491	AAUGAUCC A GGAGCACC	2241	GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUU	17549
4497	CCAGGAGC A CCUUGGAA	2242	UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCCUGG	17550
4499	AGGAGCAC C UUGGAAGA	2243	UCUUCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	17551
4500	GGAGCACC U UGGAAGAU	2244	AUCUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	17552
4517	AUGGAUGC U CAGAAUGG	2245	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUCCAU	17553
4519	GGAUGCUC A GAAUGGUC	2246	GACCAUUC CUGAUGAG GCCGUUAGGC CGAA IAGCAUCC	
4528	GAAUGGUC U GUCUCGCG	2247	CGCGAGAC CUGAUGAG GCCGUUAGGC CGAA IACCAUUC	17554
4532	GGUCUGUC U CGCGAUUA	2248	UAAUCGCG CUGAUGAG GCCGUUAGGC CGAA IACAGACC	17555
4549	GUGCGUAC A CCCCCUGG	2249		17556
4551	GCGUACAC C CCCUGGGC		CCAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUACGCAC	17557
4552	CGUACACC C CCUGGGCA	2250	GCCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUACGC	17558
		2251	UGCCCAGG CUGAUGAG GCCGUUAGGC CGAA IGUGUACG	17559
4553	GUACACCC C CUGGGCAA	2252	UUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	17560
4554	UACACCCC C UGGGCAAU	2253	AUUGCCCA CUGAUGAG GCCGUUAGGC CGAA IGGGUGUA	17561
4555	ACACCCCC U GGGCAAUC	2254	GAUUGCCC CUGAUGAG GCCGUUAGGC CGAA IGGGGUGU	17562
4560	CCCUGGGC A AUCUUGCC	2255	GGCAAGAU CUGAUGAG GCCGUUAGGC CGAA ICCCAGGG	17563
4564	GGGCAAUC U UGCCCUCA	2256	UGAGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUUGCCC	17564
4568	AAUCUUGC C CUCAGUAG	2257	CUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICAAGAUU	
4569	AUCUUGCC C UCAGUAGU	2258	ACUACUGA CUGAUGAG GCCGUUAGGC CGAA IGCAAGAU	17565
4570	UCUUGCCC U CAGUAGUU	2259	AACHACHG CHCAHCAG GCCGUMAGGC CGAA IGCAAGAU	17566
4572	UUGCCCUC A GUAGUUGG	2260	AACUACUG CUGAUGAG GCCGUUAGGC CGAA IGGCAAGA	17567
4593	UGGAUAAC U CUCCAAUA		CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IAGGGCAA	17568
4595		2261	UAUUGGAG CUGAUGAG GCCGUUAGGC CGAA IUUAUCCA	17569
	GAUAACUC U CCAAUACA	2262	UGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IAGUUAUC	17570
4597	UAACUCUC C AAUACACA	2263	UGUGUAUU CUGAUGAG GCCGUUAGGC CGAA IAGAGUUA	17571
4598	AACUCUCC A AUACACAA	2264	UUGUGUAU CUGAUGAG GCCGUUAGGC CGAA IGAGAGUU	17572
4603	UCCAAUAC A CAAAGAGA	2265	UCUCUUUG CUGAUGAG GCCGUUAGGC CGAA IUAUUGGA	17573
4605	CAAUACAC A AAGAGAGG	2266	CCUCUCUU CUGAUGAG GCCGUUAGGC CGAA IUGUAUUG	17574
4630	UGUGGGAC A CUCCCUCA	2267	UGAGGGAG CUGAUGAG GCCGUUAGGC CGAA IUCCCACA	17575
4632	UGGGACAC U CCCUCACC	2268	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	
		التند	TOURS GECOUNDOL COM TUGUECCA	17576

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4634	GGACACUC C CUCACCAA	2269	UUGGUGAG CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	17577
4635	GACACUCC C UCACCAAA	2270	UUUGGUGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	17578
4636	ACACUCCC U CACCAAAG	2271	CUUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGAGUGU	17579
4638	ACUCCCUC A CCAAAGGA	2272	UCCUUUGG CUGAUGAG GCCGUUAGGC CGAA IAGGGAGU	17580
4640	UCCCUCAC C AAAGGAGU	2273	ACUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGGA	17581
4641	CCCUCACC A AAGGAGUA	2274	UACUCCUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17582
4651	AGGAGUAC A AAAAGGGG	2275	CCCCUUUU CUGAUGAG GCCGUUAGGC CGAA IUACUCCU	17583
4663	AGGGGGAC A CGACCACC	2276	GGUGGUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCU	
4668	GACACGAC C ACCGGCGU	2277	ACGCCGGU CUGAUGAG GCCGUUAGGC CGAA IUCGUGUC	17584
4669	ACACGACC A CCGGCGUC	2278	GACGCCGG CUGAUGAG GCCGUUAGGC CGAA IGUCGUGU	17585
4671	ACGACCAC C GGCGUCUA	2279		17586
4678	CCGGCGUC U ACAGGAUC	2280	UAGACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGUCGU	17587
4681	GCGUCUAC A GGAUCAUG	+	GAUCCUGU CUGAUGAG GCCGUUAGGC CGAA IACGCCGG	17588
4687	<del></del>	2281	CAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IUAGACGC	17589
4692	ACAGGAUC A UGACUCGU	2282	ACGAGUCA CUGAUGAG GCCGUUAGGC CGAA IAUCCUGU	17590
	AUCAUGAC U CGUGGGCU	2283	AGCCCACG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU	17591
4700	UCGUGGGC U GCUCGGCA	2284	UGCCGAGC CUGAUGAG GCCGUUAGGC CGAA ICCCACGA	17592
4703	UGGGCUGC U CGGCAGUU	2285	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA ICAGCCCA	17593
4708	UGCUCGGC A GUUAUCAA	2286	UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGAGCA	17594
4715	CAGUUAUC A AGCAGGAG	2287	CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUAACUG	17595
4719	UAUCAAGC A GGAGCGGG	2288	CCCGCUCC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUA	17596
4750	GUGUUUUC C ACACCCUU	2289	AAGGGUGU CUGAUGAG GCCGUUAGGC CGAA IAAAACAC	17597
4751	UGUUUUCC A CACCCUUU	2290	AAAGGGUG CUGAUGAG GCCGUUAGGC CGAA IGAAAACA	17598
4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG CUGAUGAG GCCGUUAGGC CGAA IUGGAAAA	17599
4755	UUCCACAC C CUUUGGCA	2292	UGCCAAAG CUGAUGAG GCCGUUAGGC CGAA IUGUGGAA	17600
4756	UCCACACC C UUUGGCAU	2293	AUGCCAAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	17601
4757	CCACACCC U UUGGCAUA	2294	UAUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	17602
4763	CCUUUGGC A UACAACAA	2295	UUGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAAAGG	17603
4767	UGGCAUAC A ACAAAAGG	2296	CCUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUAUGCCA	17603
4770	CAUACAAC A AAAGGAGC	2297	GCUCCUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUAUG	
4779	AAAGGAGC C GCUUUGAU	2298	AUCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCUUU	17605
4782	GGAGCCGC U UUGAUGAG	2299		17606
4801	GAGAGGGC C GCCUGGAC	2300	CUCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICGGCUCC GUCCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCCUCUC	17607
4804	AGGGCCGC C UGGACCCA	2300		17608
4805	GGGCCGCC U GGACCCAU	<del></del>	UGGGUCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCCCU	17609
4810	GCCUGGAC C CAUACUGG	2302	AUGGGUCC CUGAUGAG GCCGUUAGGC CGAA IGCGGCCC	17610
4811	<del></del>	2303	CCAGUAUG CUGAUGAG GCCGUUAGGC CGAA IUCCAGGC	17611
4812	CCUGGACC C AUACUGGG	2304	CCCAGUAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAGG	17612
	CUGGACCC A UACUGGGG	2305	CCCCAGUA CUGAUGAG GCCGUUAGGC CGAA IGGUCCAG	17613
4816	ACCCAUAC U GGGGCAGU	2306	ACUGCCCC CUGAUGAG GCCGUUAGGC CGAA IUAUGGGU	17614
4822	ACUGGGGC A GUGUCAAG	2307	CUUGACAC CUGAUGAG GCCGUUAGGC CGAA ICCCCAGU	17615
4828	GCAGUGUC A AGGAGGAU	2308	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IACACUGC	17616
4841	GGAUCGAC U UUGUUACG	2309	CGUAACAA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCC	17617
4856	CGGAGGAC C CUGGAAAU	2310	AUUUCCAG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCG	17618
4857	GGAGGACC C UGGAAAUU	2311	AAUUUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	17619
4858	GAGGACCC U GGAAAUUG	2312	CAAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	17620
4868	GAAAUUGC A GCACAAGU	2313	ACUUGUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUUUC	17621
4871	AUUGCAGC A CAAGUGGA	2314	UCCACUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	17622
4873	UGCAGCAC A AGUGGAAC	2315	GUUCCACU CUGAUGAG GCCGUUAGGC CGAA IUGCUGCA	17623
4886	GAACGGGC A GGAUGAGG	2316	CCUCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCGUUC	17624
4898	UGAGGUGC A GAUGAUUG	2317	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA ICACCUCA	17625
4916	GGUGGAAC C UGGCAAGA	2318	UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA IUUCCACC	17626
4917	GUGGAACC U GGCAAGAA	2319	UUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAC	17627
4921	AACCUGGC A AGAACGUU	2320	AACGUUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	17628
4939	AGAACGUC C AGACGAAA	2321	UUUCGUCU CUGAUGAG GCCGUUAGGC CGAA IACGUUCU	
4940	GAACGUCC A GACGAAAC	2322	GUUUCGUC CUGAUGAG GCCGUUAGGC CGAA IGACGUUC	17629
4949	GACGAAAC C AGGGGUGU	2323	ACACCCCU CUGAUGAG GCCGUUAGGC CGAA IUUUCGUC	17630
4950	ACGAAACC A GGGGUGUU	2324	AACACCCC CUGAUGAG GCCGUUAGGC CGAA TUUUCGUC AACACCCC CUGAUGAG GCCGUUAGGC CGAA IGUUUCGU	17631
4960	GGGUGUUC A AAACACCU	2325		17632
4965	UUCAAAAC A CCUGAAGG	2325	AGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACACCC	17633
4967	CAAAACAC C UGAAGGAG	2327	CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGAA	17634
4968	AAAACACC U GAAGGAGA		CUCCUUCA CUGAUGAG GCCGUUAGGC CGAA IUGUUUUG	17635
4986	AUCGGGGC C GUGACUUU	2328	UCUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	17636
4992	GCCGUGAC U UUGGACUU	2329	AAAGUCAC CUGAUGAG GCCGUUAGGC CGAA ICCCCGAU	17637
2,34	GCCGOGAC O DOGGACOO	2330	AAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC	17638

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4999	CUUUGGAC U UCCCCACU	2331	AGUGGGGA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAG	17639
5002	UGGACUUC C CCACUGGA	2332	UCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAGUCCA	17640
5003	GGACUUCC C CACUGGAA	2333	UUCCAGUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCC	17641
5004	GACUUCCC C ACUGGAAC	2334	GUUCCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGUC	17642
5005	ACUUCCCC A CUGGAACA	2335	UGUUCCAG CUGAUGAG GCCGUUAGGC CGAA IGGGAAGU	17643
5007	UUCCCCAC U GGAACAUC	2336	GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGGGAA	17644
5013	ACUGGAAC A UCAGGCUC	2337	GAGCCUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGU	<del></del>
5016	GGAACAUC A GGCUCACC	2338	GGUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	17645
5020	CAUCAGGC U CACCAAUA	2339	UAUUGGUG CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	17646
5022	UCAGGCUC A CCAAUAGU	2340		17647
5024	AGGCUCAC C AAUAGUGG	2341	ACUAUUGG CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	17648
5025	GGCUCACC A AUAGUGGA	2342	CCACUAUU CUGAUGAG GCCGUUAGGC CGAA IUGAGCCU	17649
5035			UCCACUAU CUGAUGAG GCCGUUAGGC CGAA IGUGAGCC	17650
5057	UAGUGGAC A AAAACGGU	2343	ACCGUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCACUA	17651
	GAUUGGGC U UUAUGGCA	2344	UGCCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUC	17652
5065	UUUAUGGC A AUGGAGUC	2345	GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA	17653
5074	AUGGAGUC A UAAUGCCC	2346	GGGCAUUA CUGAUGAG GCCGUUAGGC CGAA IACUCCAU	17654
5081	CAUAAUGC C CAACGGCU	2347	AGCCGUUG CUGAUGAG GCCGUUAGGC CGAA ICAUUAUG	17655
5082	AUAAUGCC C AACGGCUC	2348	GAGCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUUAU	17656
5083	UAAUGCCC A ACGGCUCA	2349	UGAGCCGU CUGAUGAG GCCGUUAGGC CGAA IGGCAUUA	17657
5089	CCAACGGC U CAUACAUA	2350	UAUGUAUG CUGAUGAG GCCGUUAGGC CGAA ICCGUUGG	17658
5091	AACGGCUC A UACAUAAG	2351	CUUAUGUA CUGAUGAG GCCGUUAGGC CGAA IAGCCGUU	17659
5095	GCUCAUAC A UAAGCGCG	2352	CGCGCUUA CUGAUGAG GCCGUUAGGC CGAA IUAUGAGC	17660
5111	GAUAGUGC A GGGUGAAA	2353	UUUCACCC CUGAUGAG GCCGUUAGGC CGAA ICACUAUC	17661
5132	GGAUGAGC C AAUCCCAG	2354	CUGGGAUU CUGAUGAG GCCGUUAGGC CGAA ICUCAUCC	17662
5133	GAUGAGCC A AUCCCAGC	2355	GCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IGCUCAUC	17663
5137	AGCCAAUC C CAGCCGGA	2356	UCCGGCUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCU	17664
5138	GCCAAUCC C AGCCGGAU	2357	AUCCGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUUGGC	17665
5139	CCAAUCCC A GCCGGAUU	2358	AAUCCGGC CUGAUGAG GCCGUUAGGC CGAA IGGAUUGG	
5142	AUCCCAGC C GGAUUCGA	2359	UCGAAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGGAU	17666
5153	AUUCGAAC C UGAGAUGC	2360	GCAUCUCA CUGAUGAG GCCGUUAGGC CGAA IUUCGAAU	17667
5154	UUCGAACC U GAGAUGCU	2361	AGCAUCUC CUGAUGAG GCCGUUAGGC CGAA IGUUCGAA	17668
5162	UGAGAUGC U GAGGAAAA	2362	UUUUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAUCUCA	17669
5174	GAAAAAAC A GAUCACUG	2363		17670
5179	AACAGAUC A CUGUACUG	2364	CAGUGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	17671
5181	CAGAUCAC U GUACUGGA	2365	CAGUACAG CUGAUGAG GCCGUUAGGC CGAA IAUCUGUU	17672
5186	CACUGUAC U GGAUCUCC	2366	UCCAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGAUCUG	17673
5192	ACUGGAUC U CCAUCCCG		GGAGAUCC CUGAUGAG GCCGUUAGGC CGAA IUACAGUG	17674
5194	UGGAUCUC C AUCCCGGC	2367	CGGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCAGU	17675
5195		2368	GCCGGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAUCCA	17676
	GGAUCUCC A UCCCGGCG	2369	CGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	17677
5198	UCUCCAUC C CGGCGCCG	2370	CGGCGCCG CUGAUGAG GCCGUUAGGC CGAA IAUGGAGA	17678
5199	CUCCAUCC C GGCGCCGG	2371	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IGAUGGAG	17679
5205	CCCGGCGC C GGUAAAAC	2372	GUUUUACC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGG	17680
5214	GGUAAAAC A AGGAGGAU	2373	AUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUACC	17681
5225	GAGGAUUC U GCCACAGA	2374	UCUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAAUCCUC	17682
5228	GAUUCUGC C ACAGAUCA	2375	UGAUCUGU CUGAUGAG GCCGUUAGGC CGAA ICAGAAUC	17683
5229	AUUCUGCC A CAGAUCAU	2376	AUGAUCUG CUGAUGAG GCCGUUAGGC CGAA IGCAGAAU	17684
5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	17689
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17690
5261	CAGAAGAC U GAGAACAG	2383	CUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	17691
5268	CUGAGAAC A GCCGUGCU	2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17693
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5282	GCUAGCAC C AACCAGGG	2388	CCCIGGIII CUGAIGAG GOOGIIII GGG GGAA TCUAGCAC	17695
5283	CUAGCACC A ACCAGGGU	2389	CCCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCUAGC	17696
5286	GCACCAAC C AGGGUUGU	2390	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17697
5287	CACCAACC A GGGUUGUG	2391	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17698
5298	GUUGUGGC U GCUGAGAU	2392	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	17699
		6336	AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17700

Table IV
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F033	I warrages a Calvery	1 00 -0	T	
5231	UCUGCCAC A GAUCAUCA	2377	UGAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	17685
5236	CACAGAUC A UCAAAGAG	2378	CUCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUG	17686
5239	AGAUCAUC A AAGAGGCC	2379	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUCU	17687
5247	AAAGAGGC C AUAAACAG	2380	CUGUUUAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	
				17688
5248	AAGAGGCC A UAAACAGA	2381	UCUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	17689
5254	CCAUAAAC A GAAGACUG	2382	CAGUCUUC CUGAUGAG GCCGUUAGGC CGAA IUUUAUGG	17690
5261	CAGAAGAC U GAGAACAG	2383	CUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUUCUG	17691
5268	CUGAGAAC A GCCGUGCU	2384	AGCACGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUCAG	
	<del> </del>			17692
5271	AGAACAGC C GUGCUAGC	2385	GCUAGCAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUCU	17693
5276	AGCCGUGC U AGCACCAA	2386	UUGGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACGGCU	17694
5280	GUGCUAGC A CCAACCAG	2387	CUGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC	17695
5282	GCUAGCAC C AACCAGGG	2388		+
		<del> </del>		17696
5283	CUAGCACC A ACCAGGGU	2389	ACCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUGCUAG	17697
5286	GCACCAAC C AGGGUUGU	2390	ACAACCCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC	17698
5287	CACCAACC A GGGUUGUG	2391	CACAACCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	17699
5298	GUUGUGGC U GCUGAGAU	2392	AUCUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	
	<del></del>			17700
5301	GUGGCUGC U GAGAUGGC	2393	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCAC	17701
5310	GAGAUGGC U GAAGCACU	2394	AGUGCUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	17702
5316	GCUGAAGC A CUGAGAGG	2395	CCUCUCAG CUGAUGAG GCCGUUAGGC CGAA ICUUCAGC	17703
5318	UGAAGCAC U GAGAGGAC	2396		<del></del>
<del></del>				17704
5327	GAGAGGAC U GCCCAUCC	2397	GGAUGGGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	17705
5330	AGGACUGC C CAUCCGGU	2398	ACCGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	17706
5331	GGACUGCC C AUCCGGUA	2399	UACCGGAU CUGAUGAG GCCGUUAGGC CGAA IGCAGUCC	17707
5332	GACUGCCC A UCCGGUAC	2400		<del></del>
	<del></del>		GUACCGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAGUC	17708
5335	UGCCCAUC C GGUACCAG	2401	CUGGUACC CUGAUGAG GCCGUUAGGC CGAA IAUGGGCA	17709
5341	UCCGGUAC C AGACAUCC	2402	GGAUGUCU CUGAUGAG GCCGUUAGGC CGAA IUACCGGA	17710
5342	CCGGUACC A GACAUCCG	2403	CGGAUGUC CUGAUGAG GCCGUUAGGC CGAA IGUACCGG	17711
5346	UACCAGAC A UCCGCAGU	2404	ACUGCGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGUA	
				17712
5349	CAGACAUC C GCAGUGCC	2405	GGCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGUCUG	17713
5352	ACAUCCGC A GUGCCCAG	2406	CUGGGCAC CUGAUGAG GCCGUUAGGC CGAA ICGGAUGU	17714
5357	CGCAGUGC C CAGAGAAC	2407	GUUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUGCG	17715
5358	GCAGUGCC C AGAGAACA	2408		
5359			UGUUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCACUGC	17716
<b>├</b>	CAGUGCCC A GAGAACAU	2409	AUGUUCUC CUGAUGAG GCCGUUAGGC CGAA IGGCACUG	17717
5366	CAGAGAAC A UAAUGGAA	2410	UUCCAUUA CUGAUGAG GCCGUUAGGC CGAA IUUCUCUG	17718
5392	UUGAUGUC A UGUGUCAU	2411	AUGACACA CUGAUGAG GCCGUUAGGC CGAA IACAUCAA	17719
5399	CAUGUGUC A UGCUACCC	2412	GGGUAGCA CUGAUGAG GCCGUUAGGC CGAA IACACAUG	
5403	UGUCAUGC U ACCCUCAC	2413		17720
			GUGAGGGU CUGAUGAG GCCGUUAGGC CGAA ICAUGACA	17721
5406	CAUGCUAC C CUCACCCA	2414	UGGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUAGCAUG	17722
5407	AUGCUACC C UCACCCAC	2415	GUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUAGCAU	17723
5408	UGCUACCC U CACCCACA	2416	UGUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUAGCA	17724
5410	CUACCCUC A CCCACAGG	2417	CCUGUGGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUAG	
				17725
5412	ACCCUCAC C CACAGGCU	2418	AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	17726
5413	CCCUCACC C ACAGGCUG	2419	CAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGUGAGGG	17727
5414	CCUCACCC A CAGGCUGA	2420	UCAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGUGAGG	17728
5416	UCACCCAC A GGCUGAUG	2421	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGUGA	
5420	CCACAGGC U GAUGUCUC			17729
-		2422	GAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	17730
5427	CUGAUGUC U CCUCACAG	2423	CUGUGAGG CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	17731
5429	GAUGUCUC C UCACAGGG	2424	CCCUGUGA CUGAUGAG GCCGUUAGGC CGAA IAGACAUC	17732
5430	AUGUCUCC U CACAGGGU	2425	ACCCUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGACAU	
5432	GUCUCCUC A CAGGGUGC	2426		17733
5434			GCACCCUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	17734
	CUCCUCAC A GGGUGCCG	2427	CGGCACCC CUGAUGAG GCCGUUAGGC CGAA IUGAGGAG	17735
5441	CAGGGUGC C GAACUACA	2428	UGUAGUUC CUGAUGAG GCCGUUAGGC CGAA ICACCCUG	17736
5446	UGCCGAAC U ACAACCUG	2429	CAGGUUGU CUGAUGAG GCCGUUAGGC CGAA IUUCGGCA	17737
5449	CGAACUAC A ACCUGUUC	2430	GAACAGGU CUGAUGAG GCCGUUAGGC CGAA IUAGUUCG	
5452				17738
	ACUACAAC C UGUUCGUG	2431	CACGAACA CUGAUGAG GCCGUUAGGC CGAA IUUGUAGU	17739
5453	CUACAACC U GUUCGUGA	2432	UCACGAAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUAG	17740
5472	GAUGAGGC U CAUUUCAC	2433	GUGAAAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCAUC	17741
5474	UGAGGCUC A UUUCACCG	2434	CGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCUCA	
5479	CUCAUUUC A CCGACCCA			17742
		2435	UGGGUCGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGAG	17743
5481	CAUUUCAC C GACCCAGC	2436	GCUGGGUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	17744
5485	UCACCGAC C CAGCUAGC	2437	GCUAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCGGUGA	17745

Table IV

5486	CACCGACC C AGCUAGCA	2430	Trooper manyana account acc	
<del></del>	<del></del>	2438	UGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IGUCGGUG	17746
5487	ACCGACCC A GCUAGCAU	2439	AUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGGUCGGU	17747
5490	GACCCAGC U AGCAUUGC	2440	GCAAUGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGGUC	17748
5494	CAGCUAGC A UUGCAGCA	2441	UGCUGCAA CUGAUGAG GCCGUUAGGC CGAA ICUAGCUG	17749
5499	AGCAUUGC A GCAAGAGG	2442	CCUCUUGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGCU	17750
5502	AUUGCAGC A AGAGGUUA	2443	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA ICUGCAAU	+
5512	GAGGUUAC A UUUCCACA	2444	UGUGGAAA CUGAUGAG GCCGUUAGGC CGAA IUAACCUC	17751
5517	UACAUUUC C ACAAAGGU	2445		17752
5518		<del></del>	ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IAAAUGUA	17753
	ACAUUUCC A CAAAGGUC	2446	GACCUUUG CUGAUGAG GCCGUUAGGC CGAA IGAAAUGU	17754
5520	AUUUCCAC A AAGGUCGA	2447	UCGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGAAAU	17755
5531	GGUCGAGC U AGGGGAGG	2448	CCUCCCCU CUGAUGAG GCCGUUAGGC CGAA ICUCGACC	17756
5547	GCGGCGGC A AUAUUCAU	2449	AUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ICCGCCGC	17757
5554	CAAUAUUC A UGACAGCC	2450	GGCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAAUAUUG	17758
5559	UUCAUGAC A GCCACCCC	2451	GGGGUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAA	17759
5562	AUGACAGC C ACCCCACC	2452	GGUGGGGU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAU	<del></del>
5563	UGACAGCC A CCCCACCA	2453		17760
5565	ACAGCCAC C CCACCAGG	<del></del>	UGGUGGGG CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA	17761
5566	<del> </del>	2454	CCUGGUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGU	17762
	CAGCCACC C CACCAGGC	2455	GCCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGGCUG	17763
5567	AGCCACCC C ACCAGGCA	2456	UGCCUGGU CUGAUGAG GCCGUUAGGC CGAA IGGUGGCU	17764
5568	GCCACCCC A CCAGGCAC	2457	GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGGC	17765
5570	CACCCCAC C AGGCACUU	2458	AAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGUG	17766
5571	ACCCCACC A GGCACUUC	2459	GAAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGGGGU	17767
5575	CACCAGGC A CUUCAGAU	2460	AUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	17768
5577	CCAGGCAC U UCAGAUCC	2461	GGAUCUGA CUGAUGAG GCCGUUAGGC CGAA IUGCCUGG	17769
5580	GGCACUUC A GAUCCAUU	2462	AAUGGAUC CUGAUGAG GCCGUUAGGC CGAA IAAGUGCC	<del>                                     </del>
5585	UUCAGAUC C AUUCCCAG	2463	CUGGGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCUGAA	17770
5586	UCAGAUCC A UUCCCAGA	2464	UCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IGAUCUGA	17771
5590	AUCCAUUC C CAGAGUCC	2465		17772
5591	UCCAUUCC C AGAGUCCA	2466		17773
5592	CCAUUCCC A GAGUCCAA	2467	UGGACUCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGGA	17774
5598	CCAGAGUC C AAUUCACC	2468	UUGGACUC CUGAUGAG GCCGUUAGGC CGAA IGGAAUGG	17775
5599	CAGAGUCC A AUUCACCA	<del> </del>	GGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IACUCUGG	17776
5604	UCCAAUUC A CCAAUUUC	2469	UGGUGAAU CUGAUGAG GCCGUUAGGC CGAA IGACUCUG	17777
5606		2470	GAAAUUGG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	17778
5607	CAAUUCAC C AAUUUCCG	2471	CGGAAAUU CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	17779
<del></del>	AAUUCACC A AUUUCCGA	2472	UCGGAAAU CUGAUGAG GCCGUUAGGC CGAA IGUGAAUU	17780
5613	CCAAUUUC C GACUUACA	2473	UGUAAGUC CUGAUGAG GCCGUUAGGC CGAA IAAAUUGG	17781
5617	UUUCCGAC U UACAGACU	2474	AGUCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCGGAAA	17782
5621	CGACUUAC A GACUGAGA	2475	UCUCAGUC CUGAUGAG GCCGUUAGGC CGAA IUAAGUCG	17783
5625	UUACAGAC U GAGAUCCC	2476	GGGAUCUC CUGAUGAG GCCGUUAGGC CGAA IUCUGUAA	17784
5632	CUGAGAUC C CGGAUCGA	2477	UCGAUCCG CUGAUGAG GCCGUUAGGC CGAA IAUCUCAG	17785
5633	UGAGAUCC C GGAUCGAG	2478	CUCGAUCC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCA	17786
5643	GAUCGAGC U UGGAACUC	2479	GAGUUCCA CUGAUGAG GCCGUUAGGC CGAA ICUCGAUC	17787
5650	CUUGGAAC U CUGGAUAC	2480	GUAUCCAG CUGAUGAG GCCGUUAGGC CGAA IUUCCAAG	17788
5652	UGGAACUC U GGAUACGA	2481	UCGUAUCC CUGAUGAG GCCGUUAGGC CGAA IAGUUCCA	17789
5668	AAUGGAUC A CAGAAUAC	2482	GUAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAUCCAUU	17790
5670	UGGAUCAC A GAAUACAC	2483	GUGUAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAUCCA	
5677	CAGAAUAC A CCGGGAAG	2484	CUUCCOGG CUGAUGAG GCCGUUAGGC CGAA IUAUUCUG	17791
5679	GAAUACAC C GGGAAGAC	2485	GUCUUCCC CUGAUGAG GCCGUUAGGC CGAA IUGUAUUC	17792
5702	GUUUGUGC C UAGUGUCA	2486	UGACACUA CUGAUGAG GCCGUUAGGC CGAA ICACAAAC	17793
5703	UUUGUGCC U AGUGUCAA	2487	UUGACACU CUGAUGAG GCCGUUAGGC CGAA ICACAAAC	17794
5710	CUAGUGUC A AGAUGGGG	2488	CCCCAUCU CUGAUGAG GCCGUUAGGC CGAA IACACUAG	17795
5730	GAGAUUGC C CUUUGCCU	2489	AGGCAAAG CUGAUGAG GCCGUUAGGC CGAA TACACUAG	17796
5731	AGAUUGCC C UUUGCCUA	2490	HAGGCAAA CUGALIGAG GCCGUUAGGC CGAA ICAAUCUC	17797
5732	GAUUGCCC U UUGCCUAC	2491	UAGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCU	17798
5737	CCCUUUGC C UACAACGU		GUAGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCAAUC	17799
5738	CCUUUGCC U ACAACGUG	2492	ACGUUGUA CUGAUGAG GCCGUUAGGC CGAA ICAAAGGG	17800
5741	UUGCCUAC A ACGUGCUG	2493	CACGUUGU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGG	17801
5748		2494	CAGCACGU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAA	17802
	CAACGUGC U GGAAAGAA	2495	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA ICACGUUG	17803
5764	AAGUAGUC C AAUUGAAC	2496	GUUCAAUU CUGAUGAG GCCGUUAGGC CGAA IACUACUU	17804
5765	AGUAGUCC A AUUGAACA	2497	UGUUCAAU CUGAUGAG GCCGUUAGGC CGAA IGACUACU	17805
5773	AAUUGAAC A GAAAGUCG	2498	CGACUUUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAUU	17806
		-		

1979   COGAGUIAC C CANALUGU   2499   ACABURUO CURANERA GEOGUIAGO COAN TURCUECO   17807   1978   GAGURICC C ANALUGUA   2501   UUACARUU CURANERA GEOGUIAGO COAN TURCUECO   17808   19824   AUUGUGAC C ANALUGUA   2501   UUACARUU CURANERA GEOGUIAGO COAN TURCUEAU   17809   19824   AUUGUAC A RACAGAC   2503   GUUCUGU CURANERA GEOGUIAGO COAN TURCUEAU   17811   19835   UUGUIAGO A CARCAGAC   2503   GUUCUGU CURANERA GEOGUIAGO COAN TURCUEAU   17811   19835   UUGUIAGO A CARCAGAC   2503   GUUCUGU CURANERA GEOGUIAGO COAN TURGUEAU   17811   19836   AUCACAAC A GACAURUC   2505   GAIMACAC (URANERA) GEOGUIAGO COAN TURGUEAU   17813   19847   GACAGAC A UTUCUCAA   2506   UUCARARUA (GEOGUIAGO COAN TURGUEAU   17813   19848   GACAURUC   URANERGO   2507   CUCUUGA CURANERA GEOGUIAGO COAN TURGUEAU   17815   19859   AUGAGUA   UUCAARUA   2508   UURANERU (GUURAGE COAN TURGUEAU   17815   19859   AUGAGUA   UUCAARUA   2508   UURAARUA (GUURAGE COAN TURGUEAU   17815   19859   AUGAGUA   UUCAARUA   2508   UURAARUA (GUURAGE COAN TURGUEAU   17817   19866   CUARACUCA   19806   CUCACURU (GUARAGE GEOGUIAGO COAN TURGUEAU   17817   19878   AGGUARA   CARCAGAC   2517   CUUCUGGO COAN TURGUEAG COAN TURGUEAU   17819   19879   AUGAGUA   CARCAGAC   CARCAGAC   17817   17819   19870   UURAARUU   CUARAGAC   CARCAGAC   17817   17819   19870   UURAARUU   CUARAGAC   CARCAGAC   17817   17819   17					
\$592	5797	CGGAGUAC C CAAAAUGU	2499	ACAUUUUG CUGAUGAG GCCGUUAGGC CGAA IUACUCCG	17807
SP81	5798	GGAGUACC C AAAAUGUA	2500	UACAUUUU CUGAUGAG GCCGUUAGGC CGAA IGUACUCC	17808
Separation   Sep	5799	GAGUACCC A AAAUGUAA	2501	UUACAUUU CUGAUGAG GCCGUUAGGC CGAA IGGUACUC	17809
Sept	5824	AUUGGGAC U UUGUUAUC	2502	GAUAACAA CUGAUGAG GCCGUUAGGC CGAA IUCCCAAU	17810
Season	5833	UUGUUAUC A CAACAGAC	2503	GUCUGUUG CUGAUGAG GCCGUUAGGC CGAA IAUAACAA	17811
5947   CAACABAC & UNICUENA   2509   CUCADUID CURAUMAG   GCOSULAGEC CGA TATUCUS   17815   5859   AURIGUIGUS UT AACUVCA   2509   CUCADUID CURAUMAG   GCOSULAGEC CGA TATUCUS   17815   5853   GGOCUANC U UCAAGGCS   2509   COCCUURA CURAUMAG   GCOSULAGEC CGA TATUCACCC   17815   5866   CURACUUC A RAGCCRAC   2510   GCUCGCC CURAUMAG   GCOSULAGEC CGA TATUCACCC   17815   5877   GRAUMAC A RAGCCRAC   2511   GCUCGCC CURAUMAG   GCOSULAGEC CGA TATUCACCC   17816   5878   AURICACC COCCADA   2512   CUUCCGGC CURAUMAG   GCCSULAGEC CGA TAGACUAC   17820   5887   GRAUMAC C GGAAGAGU   2513   AUCICCUC CURAUMAG   GCCSULAGEC CGA TAGACUAC   17820   5890   UUGACAGC   GGAAGAGU   2513   ACUCUUCC CURAUMAG   GCCSULAGEC CGA TAGACUAC   17821   5890   UUGACAGC   GGAAGAGU   2513   ACUCUUCC CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58910   AURACACA C AUCACUAC   2514   UUGAGGU CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58910   AURACACA C AUCAUMAC   2515   AUGANGGU CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58910   AUACCAAC C AUCAUMAC   2517   UUGAGUAG CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58911   AACCAAC C AUCAUMAC   2517   UUGAGUA CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58911   AACCAAC C AUCAUMAC   2518   UUCACAUC CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58911   AACCAAC C AUCAUMAC   2519   UUCACAUC CURAUMAG   GCCSULAGEC CGA TUCACAC   17821   58911   AACCAAC C AUCAUMAC   2519   UUCACAC CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   AGUAUMAC   AGUAGGAA   2519   UUCACAC CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   AGUAUMAC   AGUAGGAA   2519   UUCACAC CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   AGUAGAC   AGUAGGAA   2521   GUUCACC   CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   GGGAGAAC   AGUAGGAA   2521   GUUCACC   CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   GGGAGAAC   AGUAGGAC   2521   GUUCACC   CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58911   GGGAGAAC   AGUAGGAC   2524   GUUCACAC   CURAUMAG   GCCSULAGEC CGA TUCACAC   17825   58910   GGGAGAC   AGUAGGAC   2524   GUUCACAC   CURAUMAG   GCCSULAGEC CGA T	5835	GUUAUCAC A ACAGACAU	2504	AUGUCUGU CUGAUGAG GCCGUUAGGC CGAA IUGAUAAC	17812
S912   CANCARAC & TURUURUM   2507   COCADURUM CURAUMUM   SCOSULAGIC COMA TURURUM   17815   5859   AURGIGURG U ARCUNCA   2509   COCADURUM CURAUMUM   SCOSULAGIC COMA TURURUM   17815   5863   GROGUAGU U CURARGOC   2509   COCCURUM CURAUMUM   COCADURAGE   COMA TURURUM   17815   5863   GROGUAGU U CURARGOC   2510   GCUCRCCU CURAURUM   GCCGULAGIC COMA TURURUM   17815   5865   GROGUAGU C ARGOCRAC   2510   GCUCRCU CURAURUM   GCCGULAGIC COMA TURURUM   17816	5838	AUCACAAC A GACAUAUC	2505	GAUAUGUC CUGAUGAG GCCGUUAGGC CGAA IUUGUGAU	17813
S919   GACAUAUC U GANAUGGG   2509   UUGAUGGG   COCQUIUGGC   COGA   LOUGGGG   17815	5842	CAACAGAC A UAUCUGAA	2506	UUCAGAUA CUGAUGAG GCCGUUAGGC CGAA IUCUGUUG	<del></del>
\$595	5847	GACAUAUC U GAAAUGGG	2507		
\$665   GGGCUARC U UCARGGCO   2509   COCCUUGA CUANURAG SCCGUURAGC CGAR TURINGCC   17817   5867   AGGCGAGC A GGGUGAUU   2511   ANUCACCC CUBAURAG GCCGUURAGC CGAR TARGUIGA   17818   5875   AGGCGAGC A GGGUGAUU   2511   ANUCACCC CUBAURAG GCCGUURAGC CGAR TUCARCCC   17819   5887   URAUTURAC A GCCGGARAG   2512   CUUUCCGGC CUBAURAG GCCGUURAGC CGAR TUCARCCA   17821   5890   UUGACAGC CGARACCA   2514   UGAUGGUU CUBAURAG GCCGUURAGC CGAR TUCCARCA   17821   5906   UGUGARAC C ARCCAUCA   2514   UGAUGGUU CUBAURAG GCCGUURAGC CGAR TUCURCACA   17821   5907   GUGARACC A ACCAUCA   2515   AUGAUGGU CUBAURAG GCCGUURAGC CGAR TUCURCACA   17823   5919   ANACCARC C AUCAURAC   2515   AUGAUGGU CUBAURAG GCCGUURAGC CGAR TUCURCACA   17823   5910   ANACCARC C AUCAURAC   2516   GUURAGAC CARCACCA   CURURACA   2517   GUURAGAC CARCACCA   CURURACA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17823   5914   CARCCAUC A URACAGAA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17824   5914   CARCCAUC A URACAGAA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17825   5914   CARCCAUC A URACAGAA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC CUBAURAGA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC CUBAURAGA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC CUBAURAGA   2518   UUCUGURA CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC CUBAURAGA   2521   UUCUCCCC CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC CUBAURAGA   2521   UUCUCCCC CUBAURAG GCCGUURAGC CGAR TURURACA   17826   5914   AUGAURAC   2521   GUURAGA CUBAURAG GCCGUURAGC CGAR TURURACA   17830   1895   GUARAGA CA UCURCAGA   2521   GUURAGA CUBAURAG GCCGUURAGC CGAR TURURACA   17830   1895   GUARAGA CA UCURAGA CUBAURAG GCCGUURAGC CGAR TURURACA   17830   1895   GUARAGA CA UCURAGA CUBAURAG GCCGUURAGC CGAR TURURACA   17830   1895   GUARAGA CA GACAURA CUBAURAG   2521   GUARAGC CUBAURAG GCCGUURAGC CGAR TURURACA   17830   1895   GUARAGA CA GACAURA CUBAURA   1895   GUARAGA GCCGU	5859	AUGGGGGC U AACUUCAA	2508	UUGAAGUU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAU	
\$66	5863	GGGCUAAC U UCAAGGCG	2509		+
\$887   AGGCAGAC A GGUGANU   2511   AAUCACCC CUGAUGAG GCGULAGGC CGAA ICUCACCU   17819   5887   UUGACAGC C GGAAGAGU   2512   CUUCACGC CUGAUGAG GCGULAGGC CGAA ICUCACCU   17820   5890   UUGACAGC C GGAAGAGU   2513   ACUCUUCC CUGAUGAG GCGULAGGC CGAA ICUCACCA   17821   5907   GUGAAACC A ACCAUCAU   2515   AUGAUGAC GCGULAGGG CGAA IGUCACA   17821   5907   GUGAAACC A ACCAUCAU   2515   AUGAUGAC GCGULAGGG CGAA IGUUCACC   17822   5907   GUGAAACC A ACCAUCAU   2515   AUGAUGAC GCGULAGGG GCGULAGGG CGAA IGUUGACC   17822   5910   AAACCAAC C AUCAUAACA   2516   GUUAUGAC UCAUGAG GCGULAGGG CGAA IGUUGACU   17823   5911   AAACCAAC C AUCAUAACA   2517   GUUCAUGA CUGAUGAG GCGCULAGGC CGAA IGUUGAGU   17825   5911   AAACCAAC C AUCAUAACA   2517   GUUCAUGA CUGAUGAG GCGCULAGGC CGAA IGUUGAGU   17825   5914   CAACCAUCA UAACAGAA   2518   UUCUCCCC CUGAUGAG GCCGULAGGC CGAA IGUUGAGU   17826   5919   AUCAUACA A GAAGGAGA   2519   UCUCCCCC CUGAUGAG GCCGULAGGC CGAA IAUGGUU   17827   5914   CAACCAUC U GUGAGGAA   2520   UCUCCCCC CUGAUGAG GCCGULAGGC CGAA IAUGGUU   17827   5914   GAGUGAUC U GUGAGGAA   2521   GUUCCCCC CUGAUGAG GCCGULAGGC CGAA IAUCACU   17827   5951   GGGGAGAAC   CUCUCAGA CUGAUGAG GCCGULAGGC CGAA IAUCACU   17829   5951   GGGGAGAAC   UCUCCAGA CUGAUGAG GCCGULAGGC CGAA IAUCACU   17829   5951   GGAGGAAC   UCUCCAGA CUGAUGAG GCCGULAGGC CGAA IAUCACU   17829   5951   GGAGGAAC   UCUCCAGA CUGAUGAG GCCGULAGGC CGAA IAUCACU   17830   5952   GGAGAACC   UCUCCAGA CUGAUGAG GCGULAGGG CGAA IGUCACCC   17831   5958   CCAUGUGC   GCAUGAC   2524   GUCACCAG CUGAUGAG GCCGULAGGC CGAA IGUCACC   17831   5957   GUGACAGC   GCAUGAC   2524   GUCACCAG CUGAUGAG GCCGULAGGC CGAA IGUCACC   17831   5957   GUGACAGC   GCAUGAC   2524   GUCACCAG CUGAUGAG GCCGULAGGC CGAA IGUCACC   17834   5957   GUGACAGC   CAACCAGC   2528   CCGUCAG CGCGULAGGC CGAA IGUCACC   17835   5957   GUGACAGC   CAACCAGC   2528   CCGUCAG CGAA CGAACCAC   CCGUCAG CGAA   17836   5957   GUGACAGC   CAACCAGC   2529   CUCACGAG CCGAAGGG CGAA ICACCAC   17836   5957   GUCACGC   CAACCAGC   2529   CCGUCAGG CGAA CGCGULAGGC CGAA	5866	CUAACUUC A AGGCGAGC	2510		+
	5875	AGGCGAGC A GGGUGAUU	2511		<del></del>
S990	5887	UGAUUGAC A GCCGGAAG	2512		<del></del>
	5890	UUGACAGC C GGAAGAGU	2513		<del></del>
5917   GUGARACC A ACCAUCAU   2516   GUUAUGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUCAC   17823   5910   AAACCAAC C AUCAUAACA   2517   UGUUAUGAU CUGAUGAG GCCGUUAGGC CGAA IUUUGGUU   17825   5914   CAACCACC A UCAUAACA   2517   UGUUAUGAU CUGAUGAG GCCGUUAGGC CGAA IUUUGGUU   17825   5914   CAACCACC A UCAUAACA   2518   UUCUCUCU CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG   17825   5914   CAACCACC A UGAUGAGA   2519   UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG   17826   5919   AUCAUAACA   GAAGGAGA   2519   UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC   17826   5914   GAGUGAUC C UGGAGGAAA   2520   UUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IAUCACCC   17826   5915   GGGAGAAC   CAUCUGCAC   2522   CUGCAGAC CUGAUGAG GCCGUUAGGC CGAA IAUCACCC   17826   5955   GGGAGAAC   CAUCUGCAC   2522   CUGCAGAC CUGAUGAG GCCGUUAGGC CGAA IAUCACCC   17830   5955   GGAGAACC   AUCUGCAC   2524   GUUCACCC CUGAUGAG GCCGUUAGGC CGAA IAUCACCC   17831   5955   GGAGAACC   AUCUGCAC   2524   GUUCACCC CUGAUGAG GCCGUUAGGC CGAA IGUUCUCC   17831   5955   GCAGAACCAC   CAGAUGAC   2525   GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA IGUUCUCC   17831   5956   GUGACAGC   A GCAGCUAG   2525   GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5957   GUGACAGC   A GCAGCUAG   2525   GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5957   GUGACAGC   A GCAGCAGC   2526   CUGACGC CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5976   GUGACAGC   A GCAGCAGC   2526   CUGACGC CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5976   GUGACAGC   A GCAGCAGC   2527   CUCUCGC CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5976   ACUAGCGC C AGAGACG   2529   CUCUCG CUGAUGAG GCCGUUAGGC CGAA ICACCGC   17835   5976   ACUAGCGC C AGAGACG   2529   CUCUCGG CUGAUGAG GCCGUUAGGC CGAA ICACCGCA   17835   5976   GUGACAGC   2520   CUCUCG CUGAUGAG GCCGUUAGGC CGAA ICACCGCA   17836   5976   GUCAGAG   CUCAGAGA   2520   CUCUCGC CUGAUGAG GCCGUUAGGC CGAA ICACCGCA   17836   5980   GUGCCCC C AGAGACGU   2531   ACGUCCC CUGAUGAG GCCGUUAGGC CGAA IUCCCCC   17836   6004   CUCAGAGA   CUCAGCAG   2520   CUCAGGAG C CUCAGAG   CUCAGGAG   COCAGGAG   COCAGGAG   COCAGGAG	5906	UGUGAAAC C AACCAUCA	2514		+
5910	5907	GUGAAACC A ACCAUCAU	2515		
	5910	AAACCAAC C AUCAUAAC	<del> </del>		<del></del>
5914   CANCCAUC A UANCAGAA   2518   UUCUGUUA CUGAUGAG   GCGUUAGGC   GAA IAUGGUU3   17826   5919   AUCUAGAC A GAAGAGAC   2519   UUCUCCUC CUGAUGAG   GCGGUUAGGC   GAA IAUGGUU3   17827   5941   GAGUGAUC U GGGAGAA   2520   UUCUCCCA CUGAUGAG   GCCGUUAGGC   GAA IAUCACUC   17828   5942   AGUGAUC U GGGAGAA   2521   GUUCUCCC CUGAUGAG   GCCGUUAGGC   GAA IAUCACUC   17828   5951   GGGAGAAC   AUCUGCAG   2521   GUUCUCCC   CUGAUGAG   GCCGUUAGGC   GAA IAUCACUC   17828   5952   GGAGAAC   AUCUGCAG   2522   CUGCAGAU CUGAUGAG   GCCGUUAGGC   GAA IAUCCUCC   17830   5955   GGAGAAC   AUCUGCAG   2523   ACUGCAGA CUGAUGAG   GCCGUUAGGC   GAA IGUUCUCC   17831   5956   GAACCAUC U GCAGUGAC   2524   GUCACUGC   CUGAUGAG   GCCGUUAGGC   GAA IGUUCUCC   17831   5958   CAUCUGC   A GUGACAGC   2525   GCUGUCAC   CUGAUGAG   GCCGUUAGGC   GAA IGUUCUCC   17831   5958   CAUCUGC   A GUGACAGC   2525   GCUGUCAC   CUGAUGAG   GCCGUUAGGC   GAA ICAGUGC   17836   5956   GCAGUGAC   A GCUAGGGC   2527   GCACUAGG   CUGAUGAG   GCCGUUAGGC   GAA ICAGUGC   17836   5957   ACAGCAGC   A GCUAGGGC   2527   GCACUAGC   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5957   ACAGCAGC   A GCUAGGGC   2528   GCGCACU   GUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5957   ACAGCAGC   A GCUAGGGC   2528   GCGCACU   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5958   GUGCCGCC   CAGAACAG   2529   CUCUGGG   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5959   GUGCCGCC   CAGAACAG   2530   CGUCUCUC   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5950   GUGCCGCC   CAGAACAG   2531   ACGUCUCU   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5950   GUGCCGCC   AGAACAGU   2531   ACGUCUCU   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17836   5950   GUGCCGCC   AGAACAGU   2531   ACGUCUCU   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   17844   6014   UCCGUCGC   AGAACAGU   2534   CACCAACU   CUGAUGAG   GCCGUUAGGC   GAA ICACCACU   17846   6018   AUGAAAUC   GUGCCAAG   2530   CUGUCGAG   CUGAUGAG   GCCGUUAGGC   GAA ICACUAGC   6019   ACACAGCA   CACCAAGA   CACCAACU   CUGAUGAG   GCCGUUAGGC   GAA ICACUCAG   6010   AUGAA	5911	<del> </del>			<del></del>
	5914	<del></del>	<del></del>		
5941         GAGUGAUC C UGGGAGAA         2520         UUCUCCCA CUGAUGAG GCCGULAGGC COAA IAUCACUC 17829           5942         AGUGAUCC U GGGAGAAC         2521         GUUCUCCC CUGAUGAG GCCGULAGGC COAA IAUCACUC 17829           5951         GGGAGAAC A DUCUGCAG         2522         CUGCAGAI CUGAUGAG GCCGULAGGC COAA IUCUCCC 17830           5952         GAGAACCA U UCGCAGU 2524         GUCACUGC CUGAUGAG GCCGULAGGC COAA IUCUCCC 17831           5958         GACCAUC U G GGAGGAC 2524         GUCACUGC CUGAUGAG GCCGULAGGC COAA IUCUCCC 17831           5958         CCAUCUGC A GUGACAGC 2525         GCUGUCAC CUGAUGAG GCCGULAGGC COAA IUCUGUCC 17835           5964         GCAGUGAC A GCLAGUGG 2527         GCACUAGC CUGAUGAG GCCGULAGGC COAA IUCUGUCC 17835           5970         ACAGCAGU A GCULAGUGC 2527         GCACUAGC CUGAUGAG GCCGULAGGC COAA ICUGUCGC 17835           5970         ACAGCAGC I AGUAGGC 2528         GCGCCACU CUGAUGAG GCCGULAGGC COAA ICUGCUGU 17836           5970         ACUGAGUC C GCCCAGAG 2529         CUUCUGG CUGAUGAG GCCGULAGGC COAA ICUGCUGU 17836           5980         GUUCUGC C GAGAACGU 2531         ACGUCUCUC CUGAUGAG GCCGULAGGC COAA ICGCCAL 17838           5981         UGCCGCC C AGAGACGU 2531         ACGUCUCUC CUGAUGAG GCCGULAGGC COAA ICGCGAC 17840           6014         UCCGUCCA C AGACACGU 2533         CUUCAUGAG GCCGULAGGC COAA ICCCCCCA 17844           6014         UAGACAGC U GUUCAGAG C COAAAA	5919			<del></del>	<del> </del>
5942   AGUGALICC U GGGAGAAC   2521   GUUCUCCC CUGAUGAG GCCGUUAGGC CGAA IGAUCACU   17829   5951   GGGAGAAC C AUCUGCAG   2522   CUGCAGAU CUGAUGAG GCCGUUAGGC CGAA IUUUCCCC   17830   5952   GGAGAACC A UCUGCAGC   2522   CUGCAGAU CUGAUGAG GCCGUUAGGC CGAA IUUUCCCC   17831   5955   GAACCAUC U GCAGUGAC   2524   GUCACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC   17831   5955   GAACCAUC U GCAGUGAC   2525   GCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC   17832   5958   CCAUCUGC A GUGACCAG   2525   GCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAUGGUUC   17833   5964   GCAGUGAC A GCAGCUGA   2525   GCUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUGAUGA   17833   5967   GUGACAGC A GCAGCUGA   2526   GCUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUGUCAC   17835   5970   ACAGCAGC A GCUGAGGC   2528   GCCGCCU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAC   17835   5970   ACAGCAGC C CCCCAGAGA   2529   CUCUGGGC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAC   17835   5970   ACAGCAGC C C CACAGACC   2529   CUCUGGGC CUGAUGAG GCCGUUAGGC CGAA ICACUGAC   17836   5980   GUGCCCCC C AGAGACGC   2530   CGUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUGAC   17836   5980   GUGCCCCC C AGAGACGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUGAC   17836   5981   UGCCGCCC C AGAGACGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUGAC   17836   6004   UAGAAAUC C GUGACGAC   2533   CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA ICACUGAC   17846   6004   UAGAAAUC C GUGACGAC   2533   CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCAC   17842   6014   UCCGUUGA A GUGUGAC   2533   CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA ICACCGCA   17840   6004   UAGAAAUC C GUCACAGA   2533   CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA ICACCGCA   17844   6014   UGCGUCGC CGAA ICACCGAC   17842   6014   UGCGUCGC C AGUGACGA   2533   CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA IUACUCAU   17845   6046   GGGGGCAC C AGUGAGAC   2536   CAUCAGAC CUGAUGAG GCCGUUAGGC CGAA IUCCCCC   17845   6046   GGGGGCAC C AGAGACGA   2536   CAUCAGAC CUGAUGAG GCCGUUAGGC CGAA IUCCACC   17846   6061   AAGACAC U CGAACGAC   2538   GAACGUCC CUGAUGAG GCCGUUAGGC CGAA IUCCACC   17846   6061   AAGACAC U CGAACAC   2540   GUCCAAUC CUGAUGAG				<del></del>	<del></del>
S951   GGGAGAAC C AUCUGCAGU   2522   CUGCAGAU CUGAUGAG   GCGUULAGGC   CGAA IUUCUCCC   17830	5942		<del></del>		<del></del>
5952   GGAGAACC A UCUGCAGU   2523   ACUGCAGA CUGAUGAG GCGUUAGGC CGAA IGUUCUCC   17831   5955   GAACCAUC U GCAGUGAC   2524   GUACAUGC CUGAUGAG GCGUUAGGC CGAA IGUUCUCC   17832   5958   CACAUCUGC A GUACAGGC   2524   GUACAUGC CUGAUGAG GCGUUAGGC CGAA ILUGUUCC   17833   5964   GCAUUGGC A GUACAGGC   2525   GCUGUCAC CUGAUGAG GCCGUUAGGC CGAA ILUCAUGC   17834   5967   GUGACAGC A GCAGCUAG   2525   GCACUAGC CUGAUGAG GCCGUUAGGC CGAA ILUCAUGC   17835   5970   ACAGCAGC U AGUGCCGC   2528   GCACUAGC CUGAUGAG GCCGUUAGGC CGAA ILUCACUGC   17836   5970   ACAGCAGC U AGUGCCGC   2528   GCGCAUC CUGAUGAG GCCGUUAGGC CGAA ICUGCAUG   17837   5970   ACAGCAGC U AGUGCCGC   2528   GCGCACU CUGAUGAG GCCGUUAGGC CGAA ICUGCAUG   17837   5970   ACAGCAGC C CAGAGACG   2529   CUCUGGGC CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17837   5970   ACAGCAGC C CAGAGACG   2530   CGUCUCUG CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17837   5980   GUCCCCCC C AGAGACGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17838   5981   UGCCGCCC A GAGACGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17838   5981   UGCCGCCC A GAGACGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17849   6014   UCCGUCGC A AGUUAGGU   2531   ACGUCUCU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17840   6014   UCCGUCGC A AGUUAGGU   2534   CACCAACU CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   6031   AUGAGUAC U GUUAUGGG   2535   CACCUACC CUGAUGAG GCCGUUAGGC CGAA ICACUCAU   17843   6044   UGCGGCCC A CGAAUGA   2536   CACUCACU CUGAUGAG GCCGUUAGGC CGAA ICACUCAU   17843   6046   GGGGGCA A CGAAUG   2536   CAUCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCAU   17844   6046   GGGGGCAC A CGAAUG   2536   CAUCAGUC CUGAUGAG GCCGUUAGGC CGAA ICACUCAU   17845   6047   ACUCGAAC U CGAAUGA   2540   CACCAACU CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   17846   6067   ACUCGAAC U CGAACC   2536   CAUCAGAG CUGAUGAG GCCGUUAGGC CGAA ICACCACC   17846   6074   CUUCAGCC A UGGACCA   2540   GUCCACUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA   17847   6074   CUUCAGCC A UGGACCAC   2541   AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA ICCACAGG   17846   6074   CUUCAGCC A UU					
5955   GAACCAUC U GCAGUGAC   2524   GUCACUGC CUGAUGAG   GCCGUUAGGC   GAA TAUGGUUC   17832		<del> </del>	<del></del>		· <del> </del>
17838	<del></del>	<del> </del>	<u> </u>		
5964   GCAGUGAC A GCAGCUAG   2526   CUAGCUGC CUGAUGAG GCCGULAGGC CGAA IUCACUGC   17834   5967   GUGACAGC A GCUAGUGC   2527   GCACUAGC CUGAUGAG GCCGULAGGC CGAA ICUGUCAC   17835   5970   ACAGCAGC U AGUGCCGC   2528   GCAGCACU CUGAUGAG GCCGULAGGC CGAA ICUGUCAC   17835   5976   GCUAGUGC C GCCCAGAG   2529   CUCUGGG CUGAUGAG GCCGULAGGC CGAA ICUGUCAC   17837   5979   ACUGCCGC C CAGAGACG   2530   CGUCUUG CUGAUGAG GCCGULAGGC CGAA ICACUAGC   17837   5981   GUGCCGCC C CAGAGACG   2531   ACGUCUC CUGAUGAG GCCGULAGGC CGAA ICACUAGC   17839   5981   UGCCGCC C CAGAGACG   2531   ACGUCUC CUGAUGAG GCCGULAGGC CGAA IGCGGCAC   17839   5981   UGCCGCC C CAGAGACG   2532   CACGUCUC CUGAUGAG GCCGULAGGC CGAA IGCGGCAC   17840   6008   UAGAAAUC C GUCGCAAG   2533   CUUGCGAC CUGAUGAG GCCGULAGGC CGAA IACUUCAL   17841   6014   UCCGUCGC A AGUUGGUG   2534   CACCAACU CUGAUGAG GCCGULAGGC CGAA IACUCCAL   17841   6044   UGGGGGCA C AGUUGGUG   2535   CCCAUAAC CUGAUGAG GCCGULAGGC CGAA IACUCCAL   17843   6044   UGGGGGCA A CACGAAUG   2536   CAUUCGUG CUGAUGAG GCCGULAGGC CGAA IUACUCAL   17844   6046   GGGGGCAC A CACGAAUG   2536   CAUUCGUG CUGAUGAG GCCGULAGGC CGAA IUACUCAL   17844   6046   GGGGGCAC A CACGAAUG   2536   CAUUCGUG CUGAUGAG GCCGULAGGC CGAA IUACUCAL   17844   6046   GGGGGCAC A CACGAAUG   2536   CAUUCGUG CUGAUGAG GCCGULAGGC CGAA IUACUCAL   17845   6046   GGGGGCAC A CACGAAUG   2537   UUCAUUCG CUGAUGAG GCCGULAGGC CGAA IUACUCAL   17846   6051   AAGACGAC U CGAACUUC   2538   GAAGUUCC CUGAUGAG GCCGULAGGC CGAA IUCCACCC   17845   6067   ACUUCGAC U UCGACCAL   2539   AUGGGCGA CUGAUGAG GCCGULAGGC CGAA IUCCACC   17846   6072   ACUUCGC C AUUGGAC   2540   GUCCAUUC GUGAUGAG GCCGULAGGC CGAA IUCCACC   6074   CUUCACCC A UUGGAC   2541   AGUCCAAU CUGAUGAG GCCGULAGGC CGAA IUCCACC   6081   ACAUCACC A UUGGAC   2541   AGUCCAAU CUGAUGAG GCCGULAGGC CGAA IUCCACC   6081   ACUUCGC C AUUGGAC   2541   AGUCCAAU CUGAUGAG GCCGULAGGC CGAA IUCCACC   6084   ACUUCACC A UGAGACAC   2540   GUCCAUUC GUGAUGAG GCCGULAGGC CGAA ICCCCAC   6084   ACUUCACC A ACACACAC   2541   GUCCACUC CUGAUGAG GCC	<del></del>		<del> </del>	<u> </u>	<del></del>
5967         GUGACAGC A GCUAGUGC         2527         GCACUAGC CUGAUGAG         CUGAUGAG         CAA TCUGUCAC         17835           5970         ACAGCAGC U AGUGCGC         2528         GCGGCACU CUGAUGAG GCCGULAGGC CGAA ICUGUCAC I7837           5970         ACUGCAGC C GCCCAGAG         2529         CUCUGGGC CUGAUGAG GCCGULAGGC CGAA ICACUAGC I7837           5970         AGUGCCG C GCCCAGAG         2530         CGUCUCUG CUGAUGAG GCCGULAGGC CGAA ICAGCACU I7838           5980         GUGCCGCC C AGAGACGU 2531         ACGUCUCU CUGAUGAG GCCGULAGGC CGAA IGCGCGCA 17839           5981         UGCCGCCC AGAGCGUG 2532         CACGUCUC CUGAUGAG GCCGULAGGC CGAA IGCGCGCA 17840           6008         UAGAAAUC C GUCGCAAG 2533         CUUGGAC CUGAUGAG GCCGULAGGC CGAA IGCUCAGA 17840           6014         UCCGUCGC A AGUGUGUG 2534         CACCAACU CUGAUGAG GCCGULAGGC CGAA ILUUCUA 17842           6031         AUGAGAGC U GUUAGAGG CCGAA CAGAAUG 2536         CAULUCAGA C CGAAUGAG GCCGULAGGC CGAA ILUCCACU 17845           6044         UGGGGGCA A CAGAAUG 2536         CAULUCAGA G GCCGULAGG CCGAA ICCCCCCC 17845           6045         GGGGGAC U CGAACUUC 2538         GAAGUUCG CUGAUGAG GCCGULAGGC CGAA IUCCACU 17845           6046         GGGGGAC U CGAACUUC 2539         AUGGGGC C CAULUGAG GCCGULAGGC CGAA IUCCACU 17845           6067         ACUCGAAC U CGAACUCAU 2540         GUCAGULAGG CGAA IUCCACU 17846	<u> </u>				<del></del>
5970   ACAGCAGC U AGUGCCGC   2528   GCGGCACU CUGAUGAG   GCCGUUAGGC CGAA ICUGCUGU   17837			<del> </del>		
S976   GCUAGUGC C GCCCAGAG   2529   CUCUGGG CUGAUGAG GCCGUUAGGC CGAA ICACUAGC   17837		<del></del>			
5979   AGUGCCGC C CAGAGACG   2530   CGUCUCUG CUGAUGAG   GCCGUUAGGC CGAA ICGCGACU   17838					<del> </del>
17838   GUGCCGCC   AGAGACGU   2531   ACGUCUCU CUGAUGAG   GCCGUUAGGC   CGAA   IGCGGCAC   17839	<del></del>				<del></del> _
S981   UGCCGCCC A GAGACGUG   2532   CACGUCUC CUGAUGAG   GCCGUUAGGC CGAA IGCCGCA   17840			<del> </del>		<del></del>
6008 UAGARAUC C GUCGCAAG 2533 CUUGCGAC CUGAUGAG GCCGUUAGGC CGAA IAUUUCUA 17841 6014 UCCGUCGC A AGUUGGUG 2534 CACCAACU CUGAUGAG GCCGUUAGGC CGAA IAUUUCUA 17842 6031 AUGAGUAC U GUUAUGGG 2535 CCCAUAAC CUGAUGAG GCCGUUAGGC CGAA IUACCCAU 17844 6044 UGGGGGGC A CACAAUG 2536 CAUUCGUG CUGAUGAG GCCGUUAGGC CGAA IUACCCAU 17844 6046 GGGGGCAC A CGAAUGAA 2537 UUCAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCC 17845 6061 AAGACGAC U CGAACUC 2538 GAAGUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCC 17846 6067 ACUCGAAC U UCGCCCAU 2539 AUGGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCGUCU 17846 6073 ACUUCGC C CAUUGGAC 2540 GUCCAUG CUGAUGAG GCCGUUAGGC CGAA IUCGGAGU 17847 6074 CUUCGCC C AUUGGAC 2541 AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IUCGAGU 17849 6074 CUUCGCC C AUUGGAC 2541 AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IUCGAGU 17849 6074 CUUCGCC A UUGGACU 2541 AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA ICGAAGGU 17850 6087 ACUUCGCC C AUUGGAC 2542 CAGUCCAA CUGAUGAG GCCGUUAGGC CGAA ICGAAGGU 17850 6088 ALUCAUGG C GAAAUCAA 2544 AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCAAUG 17851 6098 AAUCAUGC U GACACAC 2545 GUCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU 17854 6098 AAUCAUGC U GACACAC 2545 GUCCAGC CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG 17854 6098 AAUCAUGC U GACACAC 2545 GUCCAGC CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG 17854 6098 AAUCAUGC U GACACAC 2545 GUCCAGC CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG 17854 6103 UGCUGGAC A ACAUCAAC 2547 GUUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG 17856 6104 UGGACACA A CAACACA 2548 CAUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUUCGUG 17856 6105 UGGACACA A CAACACA 2548 CAUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUUCGCA 17856 6106 UGGACACA A CAACACC 2547 GUUGAUGA CUGAUGAG GCCGUUAGGC CGAA IAUUCGCA 17856 6107 ACACACAC A UGACCAC 2549 UGGCAUGA CUGAUGAG GCCGUUAGGC CGAA IAUUCGCA 17856 6108 AAACAUCA A CAACCAC 2550 GUUGGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCGCA 17856 6109 ACAACAUC A ACACCAC 2551 GUCGGUU CUGAUGAG GCCGUUAGGC CGAA IAUUCAC 17856 6116 CAACAUGC A AACGGAC 2551 GUCGGUU CUGAUGAG GCCGUUAGGC CGAA IAUGAGUU 17867 6112 ACAUCAC A ACCAGAG 2555 GUGGUUAGGC CGAA IAGCGAUC 17866 6122 AAUCCUCC C AACCGAGC 2555 GUGGUUGGG CUGAUA					<del></del>
6014         UCCGUCGC A AGUUGGUG         2534         CACCAACU CUGAUGAG GCCGUUAGGC CGAA ICACCGGA         17842           6031         AUGAGUAC U GUUAUGGG         2535         CCCAUAAC CUGAUGAG GCCGUUAGGC CGAA IUACUCAU         17843           6044         UGGGGGCA C ACGAAUGA         2536         CAUUCGUG CUGAUGAG GCCGUUAGGC CGAA ICCCCCCA         17844           6046         GGGGGCAC A CGAAUGA         2537         UUCAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC         17845           6061         AAGACGAC U CGAACUUC         2538         GAAGUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCGUCU         17846           6067         ACUCGAAC U UCGCCCAU         2539         AUGGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCGAUGU         17847           6072         AACUUCGC C CAUUGGAC         2540         GUCCAAUG CUGAUGAG GCCGUUAGGC CGAA IUCCAAGU         17849           6074         ACUUCGCC C AUUGGACU         2541         AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IGCCGAAGU         17849           6074         CUUCGCCC AUUGGACU         2541         AGUCCACA CUGAUGAG GCCGUUAGGC CGAA IUCCAAUG         17849           6081         CAUUGGAC A GAAUCAU         2542         CAGUCCAC CUGAUGAG GCCGUUAGGC CGAA IUCCAAUG         17851           6087         ACUGAGG A CGAALCAU         2544         AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA IUUCCAAUG         17853           6094					
6031 AUGAGUAC U GUUAUGGG 2535 CCCADAAC CUGAUGAG GCCGUUAGGC CGAA IUACUCAU 17843 6044 UGGGGGGC A CACGAAUG 2536 CAUUCGUG CUGAUGAG GCCGUUAGGC CGAA IUACCCCC 17845 6046 GGGGGCAC A CGAAUGAA 2537 UUCAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC 17845 6061 AAGACGAC U CGAACUUC 2538 GAAGUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC 17845 6067 ACUCGAAC U UCGCCCAU 2539 AUGGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCGCCU 17846 6067 ACUCGAC C CAUUGGAC 2540 GUCCAAUG CUGAUGAG GCCGUUAGGC CGAA IUCCGAGU 17847 6072 AACUUCGC C CAUUGGAC 2541 AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IUCCGAGU 17849 6073 ACUUCGCC AUUGGAC 2541 AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA ICGAAGUU 17849 6074 CUUCGCCC AUUGGAC 2542 CAGUCCAA CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU 17850 6081 CAUUGGAC U GAGGCACG 2543 CGUGCCAA CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU 17850 6081 CAUUGGAC U GAGGCACG 2544 AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU 17851 6087 ACUGAGGC A CGAAUCAU 2544 AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCAAUG 17851 6098 AAUCAUG U GAGCACA 2545 GUCCAGCA CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU 17852 6098 AAUCAUG U GGACAACA 2546 UGUUGUC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU 17854 6103 UGCUCGAC A ACAUCAAC 2547 GUUGAUGA GCCGUUAGGC CGAA ICCUCAGU 17854 6104 UGGACAAC A UCAACAAU 2546 UGUUGUC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU 17854 6105 UGGACAAC A ACAUCAAC 2547 GUUGAUGA GCCGUUAGGC CGAA ICCUCAGU 17856 6106 UGGACAAC A UCAACAAU 2548 UGUUGUC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGCA 17855 6106 UGGACAAC A UCAACAAC 2549 UGGCAUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGCA 17856 6106 UGGACAAC A UGCCAAAC 2550 GUUUGGAC CUGAUGAG GCCGUUAGGC CGAA IUUGUCCA 17856 6116 CAACAUGC A ACCAGCAC 2551 GUCCGUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU 17867 6112 ACAUCAAC A UGCCAAAC 2550 GUUUGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU 17867 6113 ACAUCAC A ACCAGCAC 2551 GUCCGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAGUU 17866 6126 AAACGGAC C AAACGGAC 2551 GUCCGUU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCUU 17861 6127 ACAUCAC A ACCACCA 2556 UGGUUGGGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUUU 17861 6128 CUGAUCGC C AAACGAGC 2556 UGGUUGGGU CUGAUGAG GCCGUUAGGC CGAA IACCAUCAC 17866 6134 GUUCCAC A ACCACACA					
6044         UGGGGGC A CACGAAUG         2536         CAUUCGUG CUGAUGAG GCCGUUAGGC CGAA ICCCCCCA         17844           6046         GGGGGCAC A CGAAUGAA         2537         UUCAUUCG CUGAUGAG GCCGUUAGGC CGAA IUGCCCCC         17845           6061         AAGACGAC U CGAACUUC         2538         GAAGUUCG CUGAUGAG GCCGUUAGGC CGAA IUGCUCUU         17846           6067         ACUCGAAC U UCGCCCAU         2539         AUGGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAGU         17847           6072         AACUUCGC C CAUUGGAC         2540         GUCCAAUG CUGAUGAG GCCGUUAGGC CGAA ICGAAGUU         17848           6073         ACUUCGCC C AUUGGACU         2541         AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA ICGCAAGU         17849           6074         CUUCGCCC A UUGGACUG         2542         CAGUCCAA CUGAUGAG GCCGUUAGGC CGAA ICGCGAAG         17850           6081         CAUUGGAC U GAGGCACG         2543         CGUGCCUC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU         17851           6087         ACUGAGGC A CGAAUCAU         2544         AUGAUUCG CUGAUGAG GCCGUUAGGC CGAA ICCUCAGU         17852           6094         CACGAAUC A UGCUGACA         2545         GUCCAGCA CUGAUGAG GCCGUUAGGC CGAA ICCUCAGCA         17855           6104         CAGUAGAC         2547         GUUGUGUC CUGAUGAG GCCGUUAGGC CGAA ICCAGCA         17855           6105         U					
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6109 ACAACAUC A ACAUGCCA 2549 UGGCAUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGU 17857 6112 ACAUCAAC A UGCCAAAC 2550 GUUUGGCA CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU 17858 6116 CAACAUGC C AAACGGAC 2551 GUCCGUUU CUGAUGAG GCCGUUAGGC CGAA ICAUGUUG 17859 6117 AACAUGCC A AACGGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICAUCCGUUU 17861 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17862 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6144 CUACCAAC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866	<b></b>				
6112 ACAUCAAC A UGCCAAAC 2550 GUUUGGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUUGU 17858 6116 CAACAUGC C AAACGGAC 2551 GUCCGUUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU 17859 6117 AACAUGCC A AACGGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICCAUCUU 17861 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17862 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUACC AACCAGAGC 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAAUU 17865					
6116 CAACAUGC C AAACGGAC 2551 GUCCGUUU CUGAUGAG GCCGUUAGGC CGAA ICAUGUUG 17859 6117 AACAUGCC A AACGGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA ICAUGUUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCAG 17862 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866	$\vdash$				
6117 AACAUGCC A AACGGACU 2552 AGUCCGUU CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17860 6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IGCAUGUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICCGUUCU 17861 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17862 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C ACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAUU 17865					
6125 AAACGGAC U GAUCGCUC 2553 GAGCGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA IUCCGUUU 17861 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					
6132 CUGAUCGC U CAAUUCUA 2554 UAGAAUUG CUGAUGAG GCCGUUAGGC CGAA ICCGUCAG 17861 6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C ACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					
6134 GAUCGCUC A AUUCUACC 2555 GGUAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC 17863 6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866	<del></del>				
6139 CUCAAUUC U ACCAACCA 2556 UGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG 17864 6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866	<del></del>				17862
6142 AAUUCUAC C AACCAGAG 2557 CUCUGGUU CUGAUGAG GCCGUUAGGC CGAA IUAGAAUU 17865 6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866					
6143 AUUCUACC A ACCAGAGC 2558 GCUCUGGU CUGAUGAG GCCGUUAGGC CGAA IGUAGAAU 17866	<del></del>				17864
5146 CINCONC C NONCOURS OFFI CONTROL OF CONT					17865
COACCARIC C AGAGICGUG   2559   CACGCUCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUAG   17867					17866
	0140	COACCAAC C AGAGCGUG	2559	CACGCUCU CUGAUGAG GCCGUUAGGC CGAA IUUGGUAG	17867

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			12016 14	
6147	UACCAACC A GAGCGUGA	2560	UCACGCUC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUA	17868
6168	GUAUAUAC C AUGGAUGG	2561	CCAUCCAU CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC	17869
6169	UAUAUACC A UGGAUGGG	2562	CCCAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUAUAUA	17870
6184	GGGAAUAC C GGCUCAGA	2563	UCUGAGCC CUGAUGAG GCCGUUAGGC CGAA IUAUUCCC	17871
6188	AUACCGGC U CAGAGGAG	2564	CUCCUCUG CUGAUGAG GCCGUUAGGC CGAA ICCGGUAU	
6190	ACCGGCUC A GAGGAGAA	2565	UUCUCCUC CUGAUGAG GCCGUUAGGC CGAA IAGCCGGU	17872
6211	GAAAAAAC U UUCUGGAA	2566	UUCCAGAA CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	17873
6215	AAACUUUC U GGAACUGU	2567		17874
6221	UCUGGAAC U GUUGAGGA		ACAGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGUUU	17875
6231	UUGAGGAC U GCAGAUCU	2568	UCCUCAAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA	17876
	<del></del>	2569	AGAUCUGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	17877
6234	AGGACUGC A GAUCUGCC	2570	GGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCCU	17878
6239	UGCAGAUC U GCCAGUUU	2571	AAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCA	17879
6242	AGAUCUGC C AGUUUGGC	2572	GCCAAACU CUGAUGAG GCCGUUAGGC CGAA ICAGAUCU	17880
6243	GAUCUGCC A GUUUGGCU	2573	AGCCAAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGAUC	17881
6251	AGUUUGGC U GGCUUACA	2574	UGUAAGCC CUGAUGAG GCCGUUAGGC CGAA ICCAAACU	17882
6255	UGGCUGGC U UACAAGGU	2575	ACCUUGUA CUGAUGAG GCCGUUAGGC CGAA ICCAGCCA	17883
6259	UGGCUUAC A AGGUUGCA	2576	UGCAACCU CUGAUGAG GCCGUUAGGC CGAA IUAAGCCA	17884
6267	AAGGUUGC A GCGGCUGG	2577	CCAGCCGC CUGAUGAG GCCGUUAGGC CGAA ICAACCUU	17885
6273	GCAGCGGC U GGAGUGUC	2578	GACACUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGC	17886
6282	GGAGUGUC A UACCACGA	2579	UCGUGGUA CUGAUGAG GCCGUUAGGC CGAA IACACUCC	17887
6286	UGUCAUAC C ACGACCGG	2580	CCGGUCGU CUGAUGAG GCCGUUAGGC CGAA IUAUGACA	17888
6287	GUCAUACC A CGACCGGA	2581	UCCGGUCG CUGAUGAG GCCGUUAGGC CGAA IGUAUGAC	17889
6292	ACCACGAC C GGAGGUGG	2582	CCACCUCC CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU	
6304	GGUGGUGC U UUGAUGGU	2583	ACCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICACCACC	17890
6314	UGAUGGUC C UAGGACAA	2584		17891
6315	GAUGGUCC U AGGACAAA	2585		17892
6321	CCUAGGAC A AACACAAU	2586		17893
6325	GGACAAAC A CAAUUUUA	2587		17894
6327	ACAAACAC A AUUUUAGA	2588	UAAAAUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCC	17895
6340	UAGAAGAC A ACAACGAA		UCUAAAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	17896
6343	AAGACAAC A ACGAAGUG	2589	UUCGUUGU CUGAUGAG GCCGUUAGGC CGAA IUCUUCUA	17897
6358		2590	CACUUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUU	17898
6361	UGGAAGUC A UCACGAAG	2591	CUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IACUUCCA	17899
6368	AAGUCAUC A CGAAGCUU	2592	AAGCUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGACUU	17900
-	CACGAAGC U UGGUGAAA	2593	UUUCACCA CUGAUGAG GCCGUUAGGC CGAA ICUUCGUG	17901
6386	GAAGAUUC U GAGGCCGC	2594	GCGGCCUC CUGAUGAG GCCGUUAGGC CGAA IAAUCUUC	17902
6392	UCUGAGGC C GCGCUGGA	2595	UCCAGCGC CUGAUGAG GCCGUUAGGC CGAA ICCUCAGA	17903
6397	GGCCGCGC U GGAUUGAC	2596	GUCAAUCC CUGAUGAG GCCGUUAGGC CGAA ICGCGGCC	17904
6408	AUUGACGC C AGGGUGUA	2597	UACACCCU CUGAUGAG GCCGUUAGGC CGAA ICGUCAAU	17905
6409	UUGACGCC A GGGUGUAC	2598	GUACACCC CUGAUGAG GCCGUUAGGC CGAA IGCGUCAA	17906
6418	GGGUGUAC U CGGAUCAC	2599	GUGAUCCG CUGAUGAG GCCGUUAGGC CGAA IUACACCC	17907
6425	CUCGGAUC A CCAGGCAC	2600	GUGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAUCCGAG	17908
6427	CGGAUCAC C AGGCACUA	2601	UAGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGAUCCG	17909
6428	GGAUCACC A GGCACUAA	2602	UUAGUGCC CUGAUGAG GCCGUUAGGC CGAA IGUGAUCC	17910
6432	CACCAGGC A CUAAAGGC	2603	GCCUUUAG CUGAUGAG GCCGUUAGGC CGAA ICCUGGUG	17911
6434	CCAGGCAC U AAAGGCGU	2604	ACGCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGCCUGG	17912
6445	AGGCGUUC A AGGACUUC	2605	GAAGUCCU CUGAUGAG GCCGUUAGGC CGAA IAACGCCU	17913
6451	UCAAGGAC U UCGCCUCG	2606	CGAGGCGA CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA	17914
6456	GACUUCGC C UCGGGAAA	2607	UUUCCCGA CUGAUGAG GCCGUUAGGC CGAA ICGAAGUC	17915
6457	ACUUCGCC U CGGGAAAA	2608	UUUUCCCG CUGAUGAG GCCGUUAGGC CGAA IGCGAAGU	17916
6471	AAACGUUC U CAGAUAGG	2609	CCUAUCUG CUGAUGAG GCCGUUAGGC CGAA IAACGUUU	
6473	ACGUUCUC A GAUAGGGC	2610	GCCCUAUC CUGAUGAG GCCGUUAGGC CGAA IAGAACGU	17917
6482	GAUAGGGC U CAUUGAGG	2611	CCUCAAUG CUGAUGAG GCCGUUAGGC CGAA IAGAACGU	17918
6484	UAGGGCUC A UUGAGGUU	2612	AACCUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCUAUC	17919
6494	UGAGGUUC U GGGAAAGA	2613	UCUUUCCC CUGAUGAG GCCGUUAGGC CGAA IAGCCCUA	17920
6506	AAAGAUGC C UGAGCACU	2614		17921
6507	AAGAUGCC U GAGCACUU	2615	AGUGCUCA CUGAUGAG GCCGUUAGGC CGAA ICAUCUUU	17922
6512	GCCUGAGC A CUUCAUGG	2616	AAGUGCUC CUGAUGAG GCCGUUAGGC CGAA IGCAUCUU	17923
6514	CUGAGCAC U UCAUGGGG	2617	CCAUGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCAGGC	17924
6517	AGCACUUC A UGGGGAAG		CCCCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCUCAG	17925
6528	GGGAAGAC A UGGGAAGC	2618	CUUCCCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUGCU	17926
6537	UGGGAAGC A CUUGACAC	2619	GCUUCCCA CUGAUGAG GCCGUUAGGC CGAA IUCUUCCC	17927
0337	COGGARGE A CUUGACAC	2620	GUGUCAAG CUGAUGAG GCCGUUAGGC CGAA ICUUCCCA	17928

Table IV

6539	CONNCONC II HONONCON	7 2622		
		2621	UGGUGUCA CUGAUGAG GCCGUUAGGC CGAA IUGCUUCC	17929
6544	<del></del>	2622	GUACAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAAGUG	17930
6546		2623	ACGUACAU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	17931
6547	UUGACACC A UGUACGUU	2624	AACGUACA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	17932
6561	GUUGUGGC C ACUGCAGA	2625	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACAAC	17933
6562	UUGUGGCC A CUGCAGAG	2626	CUCUGCAG CUGAUGAG GCCGUUAGGC CGAA IGCCACAA	<del></del>
6564	GUGGCCAC U GCAGAGAA	2627		17934
6567	<del></del>		UUCUCUGC CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	17935
	GCCACUGC A GAGAAAGG	2628	CCUUUCUC CUGAUGAG GCCGUUAGGC CGAA ICAGUGGC	17936
6585	GGAAGAGC U CACAGAAU	2629	AUUCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	17937
6587	AAGAGCUC A CAGAAUGG	2630	CCAUUCUG CUGAUGAG GCCGUUAGGC CGAA IAGCUCUU	17938
6589	GAGCUCAC A GAAUGGCC	2631	GGCCAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAGCUC	17939
6597	AGAAUGGC C CUGGAGGA	2632	UCCUCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUCU	17940
6598	GAAUGGCC C UGGAGGAA	2633	UUCCUCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUC	<del></del>
6599	AAUGGCCC U GGAGGAAC	2634	GUUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGCCAUU	17941
6608	GGAGGAAC U GCCAGAUG	2635		17942
6611		+	CAUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCCUCC	17943
	GGAACUGC C AGAUGCUC	2636	GAGCAUCU CUGAUGAG GCCGUUAGGC CGAA ICAGUUCC	17944
6612	GAACUGCC A GAUGCUCU	2637	AGAGCAUC CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC	17945
6618	CCAGAUGC U CUUCAGAC	2638	GUCUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUCUGG	17946
6620	AGAUGCUC U UCAGACAA	2639	UUGUCUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUCU	17947
6623	UGCUCUUC A GACAAUUG	2640	CAAUUGUC CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	17948
6627	CUUCAGAC A AUUGCCUU	2641	AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IUCUGAAG	<del></del>
6633	ACAAUUGC C UUGAUUGC	2642		17949
6634	CAAUUGCC U UGAUUGCC	+	GCAAUCAA CUGAUGAG GCCGUUAGGC CGAA ICAAUUGU	17950
6642		2643	GGCAAUCA CUGAUGAG GCCGUUAGGC CGAA IGCAAUUG	17951
	UUGAUUGC C UUAUUGAG	2644	CUCAAUAA CUGAUGAG GCCGUUAGGC CGAA ICAAUCAA	17952
6643	UGAUUGCC U UAUUGAGU	2645	ACUCAAUA CUGAUGAG GCCGUUAGGC CGAA IGCAAUCA	17953
6660	GUGAUGAC C AUGGGAGU	2646	ACUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	17954
6661	UGAUGACC A UGGGAGUA	2647	UACUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAUCA	17955
6673	GAGUAUUC U UCCUCCUC	2648	GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUACUC	<del> </del>
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6677	AUUCUUCC U CCUCAUGC	2650		17957
6679	UCUUCCUC C UCAUGCAG	2651		17958
6680	<del> </del>	<del></del>	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	17959
	CUUCCUCC U CAUGCAGC	2652	GCUGCAUG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	17960
6682	UCCUCCUC A UGCAGCGG	2653	CCGCUGCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA	17961
6686	CCUCAUGC A GCGGAAGG	2654	CCUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICAUGAGG	17962
6697	GGAAGGGC A UUGGAAAG	2655	CUUUCCAA CUGAUGAG GCCGUUAGGC CGAA ICCCUUCC	17963
6723	GGAGGCGC U GUCUUGGG	2656	CCCAAGAC CUGAUGAG GCCGUUAGGC CGAA ICGCCUCC	17964
6727	GCGCUGUC U UGGGAGUC	2657	GACUCCCA CUGAUGAG GCCGUUAGGC CGAA IACAGCGC	
6741	GUCGCGAC C UUUUUCUG	2658	CAGAAAAA CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC	17965
6742	UCGCGACC U UUUUCUGU	2659		17966
6748	CCUUUUUC U GUUGGAUG	2660		17967
6759			CAUCCAAC CUGAUGAG GCCGUUAGGC CGAA IAAAAAGG	17968
<del></del>	UGGAUGGC U GAAGUUCC	2661	GGAACUUC CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	17969
6767	UGAAGUUC C AGGAACGA	2662	UCGUUCCU CUGAUGAG GCCGUUAGGC CGAA IAACUUCA	17970
6768	GAAGUUCC A GGAACGAA	2663	UUCGUUCC CUGAUGAG GCCGUUAGGC CGAA IGAACUUC	17971
6783	AAGAUCGC C GGAAUGUU	2664	AACAUUCC CUGAUGAG GCCGUUAGGC CGAA ICGAUCUU	17972
6794	AAUGUUGC U GCUCUCCC	2665	GGGAGAGC CUGAUGAG GCCGUUAGGC CGAA ICAACAUU	
6797	GUUGCUGC U CUCCCUUC	2666	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCAAC	17973
6799	UGCUGCUC U CCCUUCUC	2667	GAGAACCG CUCAUCAC COCCUTAGGG CGAA TCAGCAAC	17974
6801	CUGCUCUC C CUUCUCUU		GAGAAGGG CUGAUGAG GCCGUUAGGC CGAA IAGCAGCA	17975
6802		2668	AAGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAG	17976
	UGCUCUCC C UUCUCUUG	2669	CAAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAGCA	17977
6803	GCUCUCCC U UCUCUUGA	2670	UCAAGAGA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGC	17978
6806	CUCCCUUC U CUUGAUGA	2671	UCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAG	17979
6808	CCCUUCUC U UGAUGAUU	.2672	AAUCAUCA CUGAUGAG GCCGUUAGGC CGAA LAGAAGGG	17980
6821	GAUUGUGC U AAUUCCUG	2673	CAGGAAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAUC	17981
6827	GCUAAUUC C UGAGCCAG	2674	CUGGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAUUAGC	
6828	CUAAUUCC U GAGCCAGA	2675		17982
6833	UCCUGAGC C AGAGAAGC	2676	UCUGGCUC CUGAUGAG GCCGUUAGGC CGAA IGAAUUAG	17983
6834	CCUGAGCC A GAGAAGCA		GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICUCAGGA	17984
6842		2677	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCUCAGG	17985
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6851	ACGUUCGC A GACAGACA	2679	UGUCUGUC CUGAUGAG GCCGUUAGGC CGAA ICGAACGU	17987
6855	UCGCAGAC A GACAACCA	2680	UGGUUGUC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGA	17988
6859	AGACAGAC A ACCAGCUA	2681	UAGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUGUCU	17989

6862	CAGACAAC C AGCUAGCC	2682	GGCUAGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUCUG	17990
6863	AGACAACC A GCUAGCCG	2683	CGGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGUUGUCU	17991
6866	CAACCAGC U AGCCGUGU	2684	ACACGGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGUUG	17992
6870	CAGCUAGC C GUGUUCCU	2685	AGGAACAC CUGAUGAG GCCGUUAGGC CGAA ICUAGCUG	17993
6877	CCGUGUUC C UGAUUUGU	2686	ACAAAUCA CUGAUGAG GCCGUUAGGC CGAA IAACACGG	17994
6878	CGUGUUCC U GAUUUGUG	2687	CACAAAUC CUGAUGAG GCCGUUAGGC CGAA IGAACACG	
6889	UUUGUGUC A UGACCCUU	2688	AAGGGUCA CUGAUGAG GCCGUUAGGC CGAA IACACAAA	17995
6894		2689		17996
6895		2690	CONTROL CONTRO	17997
6896			GCUCACAA CUGAUGAG GCCGUUAGGC CGAA IGUCAUGA	17998
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		2692	GCUGCCAC CUGAUGAG GCCGUUAGGC CGAA ICGCUCAC	18000
6912		2693	UCGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	18001
6915	GUGGCAGC C AACGAGAU	2694	AUCUCGUU CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18002
6916	UGGCAGCC A ACGAGAUG	2695	CAUCUCGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCCA	18003
6932	GGGUUGGC U AGAUAAGA	2696	UCUUAUCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCC	18004
6942	GAUAAGAC C AAGAGUGA	2697	UCACUCUU CUGAUGAG GCCGUUAGGC CGAA IUCUUAUC	18005
6943	AUAAGACC A AGAGUGAC	2698	GUCACUCU CUGAUGAG GCCGUUAGGC CGAA IGUCUUAU	18006
6952	AGAGUGAC A UAAGCAGU	2699	ACUGCUUA CUGAUGAG GCCGUUAGGC CGAA IUCACUCU	18007
6958	ACAUAAGC A GUUUGUUU	2700	AAACAAAC CUGAUGAG GCCGUUAGGC CGAA ICUUAUGU	
6971	GUUUGGGC A AAGAAUUG	2701	CAAUUCUU CUGAUGAG GCCGUUAGGC CGAA ICCCAAAC	18008
6985	UUGAGGUC A AGGAGAAU	2702	AUUCUCCU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA	18009
6997	AGAAUUUC A GCAUGGGA	2703		18010
7000	AUUUCAGC A UGGGAGAG	2704		18011
7013	AGAGUUUC U UUUGGACU	2705	CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA ICUGAAAU	18012
7021	UUUUGGAC U UGAGGCCG	+	AGUCCAAA CUGAUGAG GCCGUUAGGC CGAA IAAACUCU	18013
7028	CUUGAGGC C GGCAACAG	2706	CGGCCUCA CUGAUGAG GCCGUUAGGC CGAA IUCCAAAA	18014
7032	<del> </del>	2707	CUGUUGCC CUGAUGAG GCCGUUAGGC CGAA ICCUCAAG	18015
7032	AGGCCGGC A ACAGCCUG	2708	CAGGCUGU CUGAUGAG GCCGUUAGGC CGAA ICCGGCCU	18016
	CCGGCAAC A GCCUGGUC	2709	GACCAGGC CUGAUGAG GCCGUUAGGC CGAA IUUGCCGG	18017
7038	GCAACAGC C UGGUCACU	2710	AGUGACCA CUGAUGAG GCCGUUAGGC CGAA ICUGUUGC	18018
7039	CAACAGCC U GGUCACUG	2711	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUG	18019
7044	GCCUGGUC A CUGUACGC	2712	GCGUACAG CUGAUGAG GCCGUUAGGC CGAA IACCAGGC	18020
7046	CUGGUCAC U GUACGCUG	2713	CAGCGUAC CUGAUGAG GCCGUUAGGC CGAA IUGACCAG	18021
7053	CUGUACGC U GUGACAAC	2714	GUUGUCAC CUGAUGAG GCCGUUAGGC CGAA ICGUACAG	18022
7059	GCUGUGAC A ACAGCGGU	2715	ACCGCUGU CUGAUGAG GCCGUUAGGC CGAA IUCACAGC	18023
7062	GUGACAAC A GCGGUCCU	2716	AGGACCGC CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC	18024
7069	CAGCGGUC C UCACUCCA	2717	UGGAGUGA CUGAUGAG GCCGUUAGGC CGAA IACCGCUG	
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7072	CGGUCCUC A CUCCACUG	2719	CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IAGGACCG	18026
7074	GUCCUCAC U CCACUGCU	2720		18027
7076	CCUCACUC C ACUGCUAA	2721		18028
7077	CUCACUCC A CUGCUAAA	2722		18029
7079	CACUCCAC U GCUAAAGC	2723	UUUAGCAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGAG	18030
7082	UCCACUGC U AAAGCAUU		GCUUUAGC CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	18031
7088		2724	AAUGCUUU CUGAUGAG GCCGUUAGGC CGAA ICAGUGGA	18032
7096	GCUAAAGC A UUUGAUCA	2725	UGAUCAAA CUGAUGAG GCCGUUAGGC CGAA ICUUUAGC	18033
7101	AUUUGAUC A CGUCAGAU	2726	AUCUGACG CUGAUGAG GCCGUUAGGC CGAA IAUCAAAU	18034
	AUCACGUC A GAUUACAU	2727	AUGUAAUC CUGAUGAG GCCGUUAGGC CGAA IACGUGAU	18035
7108	CAGAUUAC A UCAACACC	2728	GGUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUAAUCUG	18036
7111	AUUACAUC A ACACCUCA	2729	UGAGGUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUAAU	18037
7114	ACAUCAAC A CCUCAUUG	2730	CAAUGAGG CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	18038
7116	AUCAACAC C UCAUUGAC	2731	GUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUGAU	18039
7117	UCAACACC U CAUUGACC	2732	GGUCAAUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUGA	18040
7119	AACACCUC A UUGACCUC	2733	GAGGUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGUGUU	18041
7125	UCAUUGAC C UCAAUAAA	2734	UUUAUUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAUGA	18042
7126	CAUUGACC U CAAUAAAC	2735	GUUUAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCAAUG	
7128	UUGACCUC A AUAAACGU	2736	ACGUUUAU CUGAUGAG GCCGUUAGGC CGAA IAGGUCAA	18043
7139	AAACGUUC A GGCAAGUG	2737	CACUUGCC CUGAUGAG GCCGUUAGGC CGAA IAACGUUU	18044
7143	GUUCAGGC A AGUGCACU	2738	ACHIGCACT CUCANOAC COOCHANGE CGAA TAACGUUU	18045
7149	GCAAGUGC A CUAUUCAC	2739	AGUGCACU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAC	18046
7151	AAGUGCAC U AUUCACAC	2740	GUGAAUAG CUGAUGAG GCCGUUAGGC CGAA ICACUUGC	18047
7156	CACUAUUC A CACUCGCG		GUGUGAAU CUGAUGAG GCCGUUAGGC CGAA IUGCACUU	18048
7158	CUAUUCAC A CUCGCGCG	2741	CGCGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAUAGUG	18049
	TOTAL A COCOCOCO	2742	CGCGCGAG CUGAUGAG GCCGUUAGGC CGAA IUGAAUAG	18050

7160	AUUCACAC U CGCGCGAG	2743	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAU	18051
7171	CGCGAGGC U UCCCCUUC	2744	GAAGGGGA CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	18052
7174	GAGGCUUC C CCUUCGUC	2745	GACGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGCCUC	18053
7175	AGGCUUCC C CUUCGUCG	2746	CGACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGCCU	18054
7176	GGCUUCCC C UUCGUCGA	2747	UCGACGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCC	
7177	GCUUCCCC U UCGUCGAU	2748	AUCGACGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGC	18055
7200	GUGUCGGC U CUCCUGCU	2749		18056
7202	GUCGGCUC U CCUGCUAG	2750		18057
7204	CGGCUCUC C UGCUAGCA	2751		18058
7205	GGCUCUCC U GCUAGCAG	2752		18059
7208	UCUCCUGC U AGCAGCCG	+	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA IGAGAGCC	18060
7212	<del></del>	2753	CGGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGGAGA	18061
	CUGCUAGC A GCCGGAUG	2754	CAUCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	18062
7215	CUAGCAGC C GGAUGCUG	2755	CAGCAUCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUAG	18063
7222	CCGGAUGC U GGGGACAA	2756	UUGUCCCC CUGAUGAG GCCGUUAGGC CGAA ICAUCCGG	18064
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7234	GACAAGUC A CCCUCACC	2758	GGUGAGGG CUGAUGAG GCCGUUAGGC CGAA IACUUGUC	18066
7236	CAAGUCAC C CUCACCGU	2759	ACGGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGACUUG	18067
7237	AAGUCACC C UCACCGUU	2760	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGACUU	18068
7238	AGUCACCC U CACCGUUA	2761	UAACGGUG CUGAUGAG GCCGUUAGGC CGAA IGGUGACU	18069
7240	UCACCCUC A CCGUUACG	2762	CGUAACGG CUGAUGAG GCCGUUAGGC CGAA IAGGGUGA	18070
7242	ACCCUCAC C GUUACGGU	2763	ACCGUAAC CUGAUGAG GCCGUUAGGC CGAA IUGAGGGU	18071
7254	ACGGUAAC A GCGGCAAC	2764	GUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IUUACCGU	18072
7260	ACAGCGGC A ACACUCCU	2765	AGGAGUGU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	
7263	GCGGCAAC A CUCCUUUU	2766		18073
7265	GGCAACAC U CCUUUUUU	2767		18074
7267	CAACACUC C UUUUUUGC	2768		18075
7268	AACACUCC U UUUUUGCC	2769	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUUG	18076
7276	UUUUUUGC C ACUAUGCC	2770	GGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	18077
7277	UUUUUGCC A CUAUGCCU	2771	GGCAUAGU CUGAUGAG GCCGUUAGGC CGAA ICAAAAAA	18078
7279	UUUGCCAC U AUGCCUAC		AGGCAUAG CUGAUGAG GCCGUUAGGC CGAA IGCAAAAA	18079
7284	CACUAUGC C UACAUGGU	2772	GUAGGCAU CUGAUGAG GCCGUUAGGC CGAA IUGGCAAA	18080
7285	ACUAUGCC U ACAUGGUU	2773	ACCAUGUA CUGAUGAG GCCGUUAGGC CGAA ICAUAGUG	18081
7288		2774	AACCAUGU CUGAUGAG GCCGUUAGGC CGAA IGCAUAGU	18082
7295	AUGCCUAC A UGGUUCCC	2775	GGGAACCA CUGAUGAG GCCGUUAGGC CGAA IUAGGCAU	18083
	CAUGGUUC C CGGUUGGC	2776	GCCAACCG CUGAUGAG GCCGUUAGGC CGAA IAACCAUG	18084
7296	AUGGUUCC C GGUUGGCA	2777	UGCCAACC CUGAUGAG GCCGUUAGGC CGAA IGAACCAU	18085
7304	CGGUUGGC A AGCUGAGG	2778	CCUCAGCU CUGAUGAG GCCGUUAGGC CGAA ICCAACCG	18086
7308	UGGCAAGC U GAGGCAAU	2779	AUUGCCUC CUGAUGAG GCCGUUAGGC CGAA ICUUGCCA	18087
7314	GCUGAGGC A AUGCGCUC	2780	GAGCGCAU CUGAUGAG GCCGUUAGGC CGAA ICCUCAGC	18088
7321	CAAUGCGC U CAGCCCAG	2781	CUGGGCUG CUGAUGAG GCCGUUAGGC CGAA ICGCAUUG	18089
7323	AUGCGCUC A GCCCAGCG	2782	CGCUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCGCAU	18090
7326	CGCUCAGC C CAGCGGCG	2783	CGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICUGAGCG	18091
7327	GCUCAGCC C AGCGGCGG	2784	CCGCCGCU CUGAUGAG GCCGUUAGGC CGAA IGCUGAGC	18092
7328	CUCAGCCC A GCGGCGGA	2785	UCCGCCGC CUGAUGAG GCCGUUAGGC CGAA IGGCUGAG	18093
7338	CGGCGGAC A GCGGCCGG	2786	CCGGCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCGCCG	18094
7344	ACAGCGGC C GGAAUCAU	2787	AUGAUUCC CUGAUGAG GCCGUUAGGC CGAA ICCGCUGU	
7351	CCGGAAUC A UGAAGAAC	2788	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IAUUCCGG	18095
7362	AAGAACGC U GUAGUGGA	2789	UCCACUAC CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	18096
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCCA	18097
7383	AUCGUGGC C ACGGACGU	2791	ACGUCCGU CUGAUGAG GCCGUUAGGC CGAA ICCACCGAU	18098
7384	UCGUGGCC A CGGACGUC	2792	GACCHICCO CHICANGAG GCCGUUAGGC CGAA ICCACGAU	18099
7393	CGGACGUC C CAGAAUUA	2793	GACGUCCG CUGAUGAG GCCGUUAGGC CGAA IGCCACGA	18100
7394	GGACGUCC C AGAAUUAG	2794	UAAUUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUCCG	18101
7395	GACGUCCC A GAAUUAGA		CUAAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUCC	18102
7408	UAGAGCGC A CCACACCC	2795	UCUAAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUC	18103
7410	GAGCGCAC C ACACCCAU	2796	GGGUGUGG CUGAUGAG GCCGUUAGGC CGAA ICGCUCUA	18104
7411		2797	AUGGGUGU CUGAUGAG GCCGUUAGGC CGAA IUGCGCUC	18105
	AGCGCACC A CACCCAUC	2798	GAUGGGUG CUGAUGAG GCCGUUAGGC CGAA IGUGCGCU	18106
7413	CGCACCAC A CCCAUCAU	2799	AUGAUGGG CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	18107
7415	CACCACAC C CAUCAUGC	2800	GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA IUGUGGUG	18108
7416	ACCACACC C AUCAUGCA	2801	UGCAUGAU CUGAUGAG GCCGUUAGGC CGAA IGUGUGGU	18109
7417	CCACACCC A UCAUGCAG	2802	CUGCAUGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUGG	18110
7420	CACCCAUC A UGCAGAAG	2803	CUUCUGCA CUGAUGAG GCCGUUAGGC CGAA IAUGGGUG	18111

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			Table IV	
7424	CAUCAUGC A GAAGAAAG	2804	CUUUCUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUG	18112
7439	AGUUGGAC A GAUCAUGC	2805	GCAUGAUC CUGAUGAG GCCGUUAGGC CGAA IUCCAACU	18113
7444	GACAGAUC A UGCUGAUC	2806	GAUCAGCA CUGAUGAG GCCGUUAGGC CGAA IAUCUGUC	18114
7448	GAUCAUGC U GAUCUUGG	2807	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGAUC	18115
7453	UGCUGAUC U UGGUGUCU	2808	AGACACCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	18116
7461	UUGGUGUC U CUAGCUGC	2809	GCAGCUAG CUGAUGAG GCCGUUAGGC CGAA IACACCAA	18117
7463	GGUGUCUC U AGCUGCAG	2810	CUGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAGACACC	18118
7467	UCUCUAGC U GCAGUAGU	2811	ACUACUGC CUGAUGAG GCCGUUAGGC CGAA ICUAGAGA	18119
7470	CUAGCUGC A GUAGUAGU	2812	ACUACUAC CUGAUGAG GCCGUUAGGC CGAA ICAGCUAG	18120
7483	UAGUGAAC C CGUCUGUG	2813	CACAGACG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	18121
7484	AGUGAACC C GUCUGUGA	2814	UCACAGAC CUGAUGAG GCCGUUAGGC CGAA IGUUCACU	18122
7488	AACCCGUC U GUGAAGAC	2815	GUCUUCAC CUGAUGAG GCCGUUAGGC CGAA IACGGGUU	18123
7497	GUGAAGAC A GUACGAGA	2816	UCUCGUAC CUGAUGAG GCCGUUAGGC CGAA IUCUUCAC	18124
7509	CGAGAAGC C GGAAUUUU	2817	AAAAUUCC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCG	18125
7522	UUUUGAUC A CGGCCGCA	2818	UGCGGCCG CUGAUGAG GCCGUUAGGC CGAA IAUCAAAA	18126
7527	AUCACGGC C GCAGCGGU	2819	ACCGCUGC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAU	18127
7530	ACGGCCGC A GCGGUGAC	2820	GUCACCGC CUGAUGAG GCCGUUAGGC CGAA ICGGCCGU	18128
7541	GGUGACGC U UUGGGAGA	. 2821	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA ICGUCACC	18129
7557	AAUGGAGC A AGCUCUGU	2822	ACAGAGCU CUGAUGAG GCCGUUAGGC CGAA ICUCCAUU	18130
7561	GAGCAAGC U CUGUUUGG	2823	CCAAACAG CUGAUGAG GCCGUUAGGC CGAA ICUUGCUC	18131
7563	GCAAGCUC U GUUUGGAA	2824	UUCCAAAC CUGAUGAG GCCGUUAGGC CGAA IAGCUUGC	18132
7575	UGGAACGC A ACAACUGC	2825	GCAGUUGU CUGAUGAG GCCGUUAGGC CGAA ICGUUCCA	18133
7578	AACGCAAC A ACUGCCAU	2826	AUGGCAGU CUGAUGAG GCCGUUAGGC CGAA IUUGCGUU	18134
7581	GCAACAAC U GCCAUCGG	2827	CCGAUGGC CUGAUGAG GCCGUUAGGC CGAA IUUGUUGC	18135
7584	ACAACUGC C AUCGGACU	2828	AGUCCGAU CUGAUGAG GCCGUUAGGC CGAA ICAGUUGU	18136
7585	CAACUGCC A UCGGACUC	2829	GAGUCCGA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUG	18137
7592	CAUCGGAC U CUGCCACA	2830	UGUGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCCGAUG	18138
7594	UCGGACUC U GCCACAUC	2831	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCCGA	18139
7597	GACUCUGC C ACAUCAUG	2832	CAUGAUGU CUGAUGAG GCCGUUAGGC CGAA ICAGAGUC	18140
7598 7600	ACUCUGCC A CAUCAUGC	2833	GCAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGCAGAGU	18141
7603	UCUGCCAC A UCAUGCGU GCCACAUC A UGCGUGGG	2834	ACGCAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAGA	18142
7623	UGGUUGUC A UGUCUAUC	2835	CCCACGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	18143
7628	GUCAUGUC U AUCCAUAA	2836 2837	GAUAGACA CUGAUGAG GCCGUUAGGC CGAA IACAACCA	18144
7632	UGUCUAUC C AUAACAUG	2838	UUAUGGAU CUGAUGAG GCCGUUAGGC CGAA IACAUGAC	18145
7633	GUCUAUCC A UAACAUGG	2839	CAUGUUAU CUGAUGAG GCCGUUAGGC CGAA IAUAGACA	18146
7638	UCCAUAAC A UGGACACU	2840	CCAUGUUA CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC AGUGUCCA CUGAUGAG GCCGUUAGGC CGAA IUUAUGGA	18147
7644	ACAUGGAC A CUCAUAAA	2841	UUUAUGAG CUGAUGAG GCCGUUAGGC CGAA IUCCAUGU	18148
7646	AUGGACAC U CAUAAAGA	2842	UCUUUAUG CUGAUGAG GCCGUUAGGC CGAA IUGUCCAU	18149
7648	GGACACUC A UAAAGAAC	2843	GUUCUUUA CUGAUGAG GCCGUUAGGC CGAA IAGUGUCC	18150
7657	UAAAGAAC A UGGAAAAA	2844	UUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUUUA	18151
7667	GGAAAAAC C AGGACUAA	2845	UUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUUUUUCC	18152 18153
7668	GAAAAACC A GGACUAAA	2846	UUUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUC	18154
7673	ACCAGGAC U AAAAAGAG	2847	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IUCCUGGU	18155
7689	GGUGGGGC A AAAGGACG	2848	CGUCCUUU CUGAUGAG GCCGUUAGGC CGAA ICCCCACC	18156
7699	AAGGACGC A CCUUGGGA	2849	UCCCAAGG CUGAUGAG GCCGUUAGGC CGAA ICGUCCUU	18157
7701	GGACGCAC C UUGGGAGA	2850	UCUCCCAA CUGAUGAG GCCGUUAGGC CGAA IUGCGUCC	18158
7702	GACGCACC U UGGGAGAG	2851	CUCUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUGCGUC	18159
7727	AGAAAGAC U CAACCAGA	2852	UCUGGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18160
7729	AAAGACUC A ACCAGAUG	2853	CAUCUGGU CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18161
7732	GACUCAAC C AGAUGACA	2854	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IUUGAGUC	18162
7733	ACUCAACC A GAUGACAA	2855	UUGUCAUC CUGAUGAG GCCGUUAGGC CGAA IGUUGAGU	18163
7740	CAGAUGAC A AAAGAAGA	2856	UCUUCUUU CUGAUGAG GCCGUUAGGC CGAA IUCAUCUG	18164
7753	AAGAGUUC A CUAGGUAC	2857	GUACCUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCUU	18165
7755	GAGUUCAC U AGGUACCG	2858	CGGUACCU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC	18166
7762	CUAGGUAC C GCAAAGAG	2859	CUCUUUGC CUGAUGAG GCCGUUAGGC CGAA IUACCUAG	18167
7765	GGUACCGC A AAGAGGCC	2860	GGCCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGGUACC	18168
7773	AAAGAGGC C AUCAUCGA	2861	UCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUCUUU	18169
7774	AAGAGGCC A UCAUCGAA	2862	UUCGAUGA CUGAUGAG GCCGUUAGGC CGAA IGCCUCUU	18170
7777 7792	AGGCCAUC A UCGAAGUC	2863	GACUUCGA CUGAUGAG GCCGUUAGGC CGAA IAUGGCCU	18171
1132	UCGAUCGC U CAGCGGCA	2864	UGCCGCUG CUGAUGAG GCCGUUAGGC CGAA ICGAUCGA	18172

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Table IV

			1401014	
7794	GAUCGCUC A GCGGCAAA	2865	UUUGCCGC CUGAUGAG GCCGUUAGGC CGAA IAGCGAUC	18173
7800	UCAGCGGC A AAACACGC	2866	GCGUGUUU CUGAUGAG GCCGUUAGGC CGAA ICCGCUGA	18174
7805	GGCAAAAC A CGCCAGGA	2867	UCCUGGCG CUGAUGAG GCCGUUAGGC CGAA IUUUUGCC	18175
7809	AAACACGC C AGGAAAGA	2868	UCUUUCCU CUGAUGAG GCCGUUAGGC CGAA ICGUGUUU	18176
7810	AACACGCC A GGAAAGAA	2869	UUCUUUCC CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	18177
7822	AAGAAGGC A AUGUCACU	2870	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA ICCUUCUU	
7828	GCAAUGUC A CUGGAGGG	2871	CCCUCCAG CUGAUGAG GCCGUUAGGC CGAA IACAUUGC	18178
7830	AAUGUCAC U GGAGGGCA	2872	UGCCCUCC CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	18179
7838	UGGAGGC A UCCAGUCU	2873		18180
7841	AGGGCAUC C AGUCUCUA		AGACUGGA CUGAUGAG GCCGUUAGGC CGAA ICCCUCCA	18181
7842	<del></del>	2874	UAGAGACU CUGAUGAG GCCGUUAGGC CGAA IAUGCCCU	18182
7846	GGGCAUCC A GUCUCUAG	2875	CUAGAGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGCCC	18183
	AUCCAGUC U CUAGGGGC	2876	GCCCCUAG CUGAUGAG GCCGUUAGGC CGAA IACUGGAU	18184
7848	CCAGUCUC U AGGGGCAC	2877	GUGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGACUGG	18185
7855	CUAGGGC A CAGCAAAA	2878	UUUUGCUG CUGAUGAG GCCGUUAGGC CGAA ICCCCUAG	18186
7857	AGGGGCAC A GCAAAACU	2879	AGUUUUGC CUGAUGAG GCCGUUAGGC CGAA IUGCCCCU	18187
7860	GGCACAGC A AAACUGAG	2880	CUCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGUGCC	18188
7865	AGCAAAAC U GAGAUGGC	2881	GCCAUCUC CUGAUGAG GCCGUUAGGC CGAA IUUUUGCU	18189
7874	GAGAUGGC U GGUCGAAC	2882	GUUCGACC CUGAUGAG GCCGUUAGGC CGAA ICCAUCUC	18190
7892	GAGGUUUC U CGAACCGG	2883	CCGGUUCG CUGAUGAG GCCGUUAGGC CGAA IAAACCUC	18191
7898	UCUCGAAC C GGUCGGAA	2884	UUCCGACC CUGAUGAG GCCGUUAGGC CGAA IUUCGAGA	18192
7918	UGAUUGAC C UUGGAUGU	2885	ACAUCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAAUCA	18193
7919	GAUUGACC U UGGAUGUG	2886	CACAUCCA CUGAUGAG GCCGUUAGGC CGAA IGUCAAUC	18194
7948	GGUGUUAC U AUAUGGCA	2887	UGCCAUAU CUGAUGAG GCCGUUAGGC CGAA IUAACACC	
7956	UAUAUGGC A ACCCAAAA	2888	UUUUGGGU CUGAUGAG GCCGUUAGGC CGAA ICCAUAUA	18195
7959	AUGGCAAC C CAAAAAAG	2889	CUUUUUUG CUGAUGAG GCCGUUAGGC CGAA IUUGCCAU	18196
7960	UGGCAACC C AAAAAAGA	2890		18197
7961	GGCAACCC A AAAAAGAG	2891	UCUUUUUU CUGAUGAG GCCGUUAGGC CGAA IGUUGCCA	18198
7972	AAAGAGUC C AAGAAGUC	2892	CUCUUUUU CUGAUGAG GCCGUUAGGC CGAA IGGUUGCC	18199
7973	AAGAGUCC A AGAAGUCA	2893	GACUUCUU CUGAUGAG GCCGUUAGGC CGAA IACUCUUU	18200
7981	AAGAAGUC A GAGGGUAC		UGACUUCU CUGAUGAG GCCGUUAGGC CGAA IGACUCUU	18201
7990	GAGGGUAC A CAAAGGGC	2894	GUACCCUC CUGAUGAG GCCGUUAGGC CGAA IACUUCUU	18202
7992		2895	GCCCUUUG CUGAUGAG GCCGUUAGGC CGAA IUACCCUC	18203
8003	GGGUACAC A AAGGGCGG	2896	CCGCCCUU CUGAUGAG GCCGUUAGGC CGAA IUGUACCC	18204
	GGGCGGUC C CGGACAUG	2897	CAUGUCCG CUGAUGAG GCCGUUAGGC CGAA IACCGCCC	18205
8004	GGCGGUCC C GGACAUGA	2898	UCAUGUCC CUGAUGAG GCCGUUAGGC CGAA IGACCGCC	18206
8009	UCCCGGAC A UGAAGAGC	2899	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUCCGGGA	18207
8018	UGAAGAGC C CCAACUAG	2900	CUAGUUGG CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	18208
8019	GAAGAGCC C CAACUAGU	2901	ACUAGUUG CUGAUGAG GCCGUUAGGC CGAA IGCUCUUC	18209
8020	AAGAGCCC C AACUAGUG	2902	CACUAGUU CUGAUGAG GCCGUUAGGC CGAA IGGCUCUU	18210
8021	AGAGCCCC A ACUAGUGC	2903	GCACUAGU CUGAUGAG GCCGUUAGGC CGAA IGGGCUCU	18211
8024	GCCCCAAC U AGUGCAAA	2904	UUUGCACU CUGAUGAG GCCGUUAGGC CGAA IUUGGGGC	18212
8030	ACUAGUGC A AAGUUAUG	2905	CAUAACUU CUGAUGAG GCCGUUAGGC CGAA ICACUAGU	18213
8047	GAUGGAAC A UUGUCACC	2906	GGUGACAA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUC	18214
8053	ACAUUGUC A CCAUGAAG	2907	CUUCAUGG CUGAUGAG GCCGUUAGGC CGAA IACAAUGU	18215
8055	AUUGUCAC C AUGAAGAG	2908	CUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IUGACAAU	18216
8056	UUGUCACC A UGAAGAGU	2909	ACUCUUCA CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18217
8080	AUGUGUUC U ACAGACCU	2910	AGGUCUGU CUGAUGAG GCCGUUAGGC CGAA IAACACAU	18218
8083	UGUUCUAC A GACCUUCU	2911	AGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IUAGAACA	
8087	CUACAGAC C UUCUGAGU	2912	ACUCAGAA CUGAUGAG GCCGUUAGGC CGAA IUCUGUAG	18219
8088	UACAGACC U UCUGAGUG	2913	CACUCAGA CUGAUGAG GCCGUUAGGC CGAA IUCUGUAG	18220
8091	AGACCUUC U GAGUGUUG	2914	CAACACUC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCU	18221
8104	GUUGUGAC A CCCUCCUU	2915		18222
8106	UGUGACAC C CUCCUUUG	2916	AAGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUCACAAC	18223
8107	GUGACACC C UCCUUUGU	2917	CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGUCACA	18224
8108	UGACACCC U CCUUUGUG	2918	ACAAAGGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCAC	18225
8110	ACACCCUC C UUUGUGAC		CACAAAGG CUGAUGAG GCCGUUAGGC CGAA IGGUGUCA	18226
8111		2919	GUCACAAA CUGAUGAG GCCGUUAGGC CGAA IAGGGUGU	18227
8119	CACCCUCC U UUGUGACA	2920	UGUCACAA CUGAUGAG GCCGUUAGGC CGAA IGAGGGUG	18228
	UUUGUGAC A UCGGAGAG	2921	CUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IUCACAAA	18229
8130	GGAGAGUC C UCGUCAAG	2922	CUUGACGA CUGAUGAG GCCGUUAGGC CGAA IACUCUCC	18230
8131	GAGAGUCC U CGUCAAGU	2923	ACUUGACG CUGAUGAG GCCGUUAGGC CGAA IGACUCUC	18231
8136	UCCUCGUC A AGUGCUGA	2924	UCAGCACU CUGAUGAG GCCGUUAGGC CGAA IACGAGGA	18232
8142	UCAAGUGC U GAGGUUGA	2925	UCAACCUC CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	18233

8156	UGAAGAGC A UAGGACGA	2926	UCGUCCUA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	T
8173	UUCGGGUC C UUGAAAUG	2927	CAUUUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCCUCA	18234
8174	UCGGGUCC U UGAAAUGG	2928		18235
8191	UUGAGGAC U GGCUGCAC	2929	CCAUUUCA CUGAUGAG GCCGUUAGGC CGAA IGACCCGA	18236
8195	GGACUGGC U GCACCGAG	2930	GUGCAGCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	18237
8198	CUGGCUGC A CCGAGGGC		CUCGGUGC CUGAUGAG GCCGUUAGGC CGAA ICCAGUCC	18238
8200		2931	GCCCUCGG CUGAUGAG GCCGUUAGGC CGAA ICAGCCAG	18239
	GGCUGCAC C GAGGGCCA	2932	UGGCCCUC CUGAUGAG GCCGUUAGGC CGAA IUGCAGCC	18240
8207	CCGAGGGC C AAGGGAAU	2933	AUUCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCCUCGG	18241
8208	CGAGGGCC A AGGGAAUU	2934	AAUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCCUCG	18242
8231	GAAGGUGC U CUGCCCCU	2935	AGGGGCAG CUGAUGAG GCCGUUAGGC CGAA ICACCUUC	18243
8233	AGGUGCUC U GCCCCUAC	2936	GUAGGGC CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	18244
8236	UGCUCUGC C CCUACAUG	2937	CAUGUAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	18245
8237	GCUCUGCC C CUACAUGC	2938	GCAUGUAG CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	18246
8238	CUCUGCCC C UACAUGCC	2939	GGCAUGUA CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG	18247
8239	UCUGCCCC U ACAUGCCG	2940	CGGCAUGU CUGAUGAG GCCGUUAGGC CGAA IGGGCAGA	18248
8242	GCCCCUAC A UGCCGAAA	2941	UUUCGGCA CUGAUGAG GCCGUUAGGC CGAA IUAGGGGC	18249
8246	CUACAUGC C GAAAGUCA	2942	UGACUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGUAG	18250
8254	CGAAAGUC A UAGAGAAG	2943	CUUCUCUA CUGAUGAG GCCGUUAGGC CGAA IACUUUCG	18251
8270	GAUGGAGC U GCUCCAAC	2944	GUUGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUCCAUC	18252
8273	GGAGCUGC U CCAACGCC	2945	GGCGUUGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUCC	18253
8275	AGCUGCUC C AACGCCGG	2946	CCGGCGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAGCU	18254
8276	GCUGCUCC A ACGCCGGU	2947	ACCGGCGU CUGAUGAG GCCGUUAGGC CGAA IGAGCAGC	18255
8281	UCCAACGC C GGUAUGGG	2948	CCCAUACC CUGAUGAG GCCGUUAGGC CGAA ICGUUGGA	<del></del>
8297	GGGGGGAC U GGUCAGAA	2949	UUCUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCCCCC	18256
8302	GACUGGUC A GAAACCCA	2950	UGGGUUUC CUGAUGAG GCCGUUAGGC CGAA IACCAGUC	18257
8308	UCAGAAAC C CACUCUCA	2951	UGAGAGUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUGA	18258
8309	CAGAAACC C ACUCUCAC	2952		18259
8310	AGAAACCC A CUCUCACG	2953		18260
8312	AAACCCAC U CUCACGGA	2954	UCCGUGAG CUGAUGAG GCCGUUAGGC CGAA IGGUUUCU UCCGUGAG CUGAUGAG GCCGUUAGGC CGAA IUGGGUUU	18261
8314	ACCCACUC U CACGGAAU	2955	AUUCCGUG CUGAUGAG GCCGUUAGGC CGAA IAGUGGGU	18262
8316	CCACUCUC A CGGAAUUC	2956	01111	18263
8325	CGGAAUUC C ACGCACGA	2957	UCGUGCGU CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG UCGUGCGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCCG	18264
8326	GGAAUUCC A CGCACGAG	2958	CUCGUGCG CUGAUGAG GCCGUUAGGC CGAA TAAUUCCG	18265
8330	UUCCACGC A CGAGAUGU	2959	ACAUCHOS CHOANGAG GCCGUUAGGC CGAA IGAAUUCC	18266
8355	AGUCGAGC U UCAGGCAA	2960	ACAUCUCG CUGAUGAG GCCGUUAGGC CGAA ICGUGGAA UUGCCUGA CUGAUGAG GCCGUUAGGC CGAA ICUCGACU	18267
8358	CGAGCUUC A GGCAAUGU	2961		18268
8362	CUUCAGGC A AUGUGGUA	2962	ACAUUGCC CUGAUGAG GCCGUUAGGC CGAA IAAGCUCG	18269
8372	UGUGGUAC A UUCAGUGA	2963	UACCACAU CUGAUGAG GCCGUUAGGC CGAA ICCUGAAG	18270
8376	GUACAUUC A GUGAAUAU	2964	UCACUGAA CUGAUGAG GCCGUUAGGC CGAA IUACCACA	18271
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8389	AUAUGACC A GCCAGGUG	2965	ACCUGGCU CUGAUGAG GCCGUUAGGC CGAA IUCAUAUU	18273
8392	UGACCAGC C AGGUGCUC	2966	CACCUGGC CUGAUGAG GCCGUUAGGC CGAA IGUCAUAU	18274
8393		2967	GAGCACCU CUGAUGAG GCCGUUAGGC CGAA ICUGGUCA	18275
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8401	AGGUGCUC C UAGGAAGA	2969	UUCCUAGG CUGAUGAG GCCGUUAGGC CGAA ICACCUGG	18277
8402	GGUGCUCC U AGGAAGAA	2970	UCUUCCUA CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	18278
8424	AAAAGGAC C UGGAAGGG	2971	UUCUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAGCACC	18279
8425	AAAGGACC U GGAAGGGA	2972	CCCUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUUUU	18280
8435		2973	UCCCUUCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU	18281
8436	GAAGGGAC C CCAAUACG	2974	CGUAUUGG CUGAUGAG GCCGUUAGGC CGAA IUCCCUUC	18282
8437	AAGGGACC C CAAUACGA	2975	UCGUAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCCCUU	18283
	AGGGACCC C AAUACGAG	2976	CUCGUAUU CUGAUGAG GCCGUUAGGC CGAA IGGUCCCU	18284
8438	GGGACCCC A AUACGAGG	2977	CCUCGUAU CUGAUGAG GCCGUUAGGC CGAA IGGGUCCC	18285
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8472	AGUGGAAC C AGGGCGGU	2979	ACCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUCCACU	18287
8473	GUGGAACC A GGGCGGUG	2980	CACCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAC	18288
8489	GGGAAAAC C CCUGCUCA	2981	UGAGCAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUCCC	18289
8490	GGAAAACC C CUGCUCAA	2982	UUGAGCAG CUGAUGAG GCCGUUAGGC CGAA IGUUUUCC	18290
8491	GAAAACCC C UGCUCAAC	2983	GUUGAGCA CUGAUGAG GCCGUUAGGC CGAA IGGUUUUC	18291
8492	AAAACCCC U GCUCAACU	2984	AGUUGAGC CUGAUGAG GCCGUUAGGC CGAA IGGGUUUU	18292
8495	ACCCCUGC U CAACUCAG	2985	CUGAGUUG CUGAUGAG GCCGUUAGGC CGAA ICAGGGGU	18293
8497	CCCUGCUC A ACUCAGAC	2986	GUCUGAGU CUGAUGAG GCCGUUAGGC CGAA IAGCAGGG	18294

Table IV

8500		2987	GGUGUCUG CUGAUGAG GCCGUUAGGC CGAA IUUGAGCA	18295
8502	CUCAACUC A GACACCAG	2988	CUGGUGUC CUGAUGAG GCCGUUAGGC CGAA IAGUUGAG	18296
8506	ACUCAGAC A CCAGUAAA	2989	UUUACUGG CUGAUGAG GCCGUUAGGC CGAA IUCUGAGU	18297
8508	UCAGACAC C AGUAAAAU	2990	AUUUUACU CUGAUGAG GCCGUUAGGC CGAA IUGUCUGA	+
8509	CAGACACC A GUAAAAUC	2991	GAUUUUAC CUGAUGAG GCCGUUAGGC CGAA IGUGUCUG	18298
8518	GUAAAAUC A AGAACAGG	2992	CCUGUUCU CUGAUGAG GCCGUUAGGC CGAA IAUUUUAC	18299
8524	UCAAGAAC A GGAUUGAA	2993	UUCAAUCC CUGAUGAG GCCGUUAGGC CGAA IUUCUUGA	18300
8537	UGAACGAC U CAGGCGUG	2994	The state of the s	18301
8539	AACGACUC A GGCGUGAG	2995		18302
8551	GUGAGUAC A GUUCGACG	2996		18303
8564	GACGUGGC A CCACGAUG	2997		18304
8566		2998		18305
8567	<del></del>	2999		18306
8578	AUGAGAAC C ACCCAUAU	3000		18307
8579	UGAGAACC A CCCAUAUA	3001		18308
8581	AGAACCAC C CAUAUAGA	3002		18309
8582	GAACCACC C AUAUAGAA	3003		18310
8583	AACCACCC A UAUAGAAC	3004		18311
8592	UAUAGAAC C UGGAACUA	3005	GUUCUAUA CUGAUGAG GCCGUUAGGC CGAA IGGUGGUU	18312
8593	AUAGAACC U GGAACUAU	3006	UAGUUCCA CUGAUGAG GCCGUUAGGC CGAA IUUCUAUA	18313
8599	CCUGGAAC U AUCACGGC	3007	AUAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGUUCUAU	18314
8603	GAACUAUC A CGGCAGUU	3008	GCCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUUCCAGG	18315
8608	AUCACGGC A GUUAUGAU	3009	AACUGCCG CUGAUGAG GCCGUUAGGC CGAA IAUAGUUC	18316
8624	UGUGAAGC C CACAGGCU	3010	AUCAUAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGAU	18317
8625	GUGAAGCC C ACAGGCUC		AGCCUGUG CUGAUGAG GCCGUUAGGC CGAA ICUUCACA	18318
8626	UGAAGCCC A CAGGCUCC	3011	GAGCCUGU CUGAUGAG GCCGUUAGGC CGAA IGCUUCAC	18319
8628	AAGCCCAC A GGCUCCGC	3012	GGAGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUCA	18320
8632	CCACAGGC U CCGCCAGU	3013	GCGGAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCUU	18321
8634	ACAGGCUC C GCCAGUUC	3014	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA ICCUGUGG	18322
8637	GGCUCCGC C AGUUCGCU	3015	GAACUGGC CUGAUGAG GCCGUUAGGC CGAA IAGCCUGU	18323
8638	GCUCCGCC A GUUCGCUG	3016	AGCGAACU CUGAUGAG GCCGUUAGGC CGAA ICGGAGCC	18324
8645	CAGUUCGC U GGUCAAUG	3017	CAGCGAAC CUGAUGAG GCCGUUAGGC CGAA IGCGGAGC	18325
8650	CGCUGGUC A AUGGAGUG	3018	CAUUGACC CUGAUGAG GCCGUUAGGC CGAA ICGAACUG	18326
8662	GAGUGGUC A GGCUCCUC	3019	CACUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAGCG	18327
8666	GGUCAGGC U CCUCUCAA	3020	GAGGAGCC CUGAUGAG GCCGUUAGGC CGAA IACCACUC	18328
8668	UCAGGCUC C UCUCAAAA	3021	UUGAGAGG CUGAUGAG GCCGUUAGGC CGAA ICCUGACC	18329
8669	CAGGCUCC U CUCAAAAC	3022	UUUUGAGA CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	18330
8671	GGCUCCUC U CAAAACCA		GUUUUGAG CUGAUGAG GCCGUUAGGC CGAA IGAGCCUG	18331
8673	CUCCUCUC A AAACCAUG	3024	UGGUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAGCC	18332
8678	CUCAAAAC C AUGGGACA	3025	CAUGGUUU CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	18333
8679	UCAAAACC A UGGGACAC	3026	UGUCCCAU CUGAUGAG GCCGUUAGGC CGAA IUUUUGAG	18334
8686	CAUGGGAC A CCAUCACG	3027	GUGUCCCA CUGAUGAG GCCGUUAGGC CGAA IGUUUUGA	18335
8688	UGGGACAC C AUCACGAA	3028	CGUGAUGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAUG	18336
8689	GGGACACC A UCACGAAU	3029	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	18337
8692	ACACCAUC A CGAAUGUU	3030	AUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC	18338
8703	AAUGUUAC C ACCAUGGC	3031	AACAUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGU	18339
8704	AUGUUACC A CCAUGGCC	3032	GCCAUGGU CUGAUGAG GCCGUUAGGC CGAA IUAACAUU	18340
8706	GUUACCAC C AUGGCCAU	3033	GGCCAUGG CUGAUGAG GCCGUUAGGC CGAA IGUAACAU	18341
8707	UUACCACC A UGGCCAUG	3034	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA IUGGUAAC	18342
8712	ACCAUGGC C AUGACUGA	3035	CAUGGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGGUAA	18343
8713	CCAUGGCC A UGACUGAC	3036	UCAGUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUGGU	18344
8718	GCCAUGAC U GACACUAC	3037	GUCAGUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUGG	18345
8722	UGACUGAC O GACACUAC	3038	GUAGUGUC CUGAUGAG GCCGUUAGGC CGAA IUCAUGGC	18346
8724	ACUGACAC U ACUCCCUU	3039	GGGAGUAG CUGAUGAG GCCGUUAGGC CGAA IUCAGUCA	18347
8727	GACACUAC U CCCUUCGG	3040	AAGGGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCAGU	18348
8729	CACUACUC C CUUCGGGC	3041	CCGAAGGG CUGAUGAG GCCGUUAGGC CGAA IUAGUGUC	18349
8730	ACUACUCC C UUCGGGCA	3042	GCCCGAAG CUGAUGAG GCCGUUAGGC CGAA IAGUAGUG	18350
8731	CUACUCCC U UCGGGCAG	3043	UGCCCGAA CUGAUGAG GCCGUUAGGC CGAA IGAGUAGU	18351
8738	CUUCGGGC A GCAGCGAG	3044	CUGCCCGA CUGAUGAG GCCGUUAGGC CGAA IGGAGUAG	18352
8741	CGGGCAGC A GCGAGUGU	3045	CUCGCUGC CUGAUGAG GCCGUUAGGC CGAA ICCCGAAG	18353
		3046	ACACUCGC CUGAUGAG GCCGUUAGGC CGAA ICUGCCCG	18354
8752	GAGUGUUC A AAGAGAAG	3047	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA IAACACUC	18355

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8767	AGGUGGAC A CGAAAGCU	3048	AGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCACCU	10256
8775	ACGAAAGC U CCUGAACC	3049	GGUUCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU	18356
8777	GAAAGCUC C UGAACCGC	3050	GCGGUUCA CUGAUGAG GCCGUUAGGC CGAA IAGCUUUC	18357
8778	AAAGCUCC U GAACCGCC	3051	GGCGGUUC CUGAUGAG GCCGUUAGGC CGAA IGAGCUUU	18358
8783	UCCUGAAC C GCCAGAAG	3052	CUUCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUCAGGA	18359
8786	UGAACCGC C AGAAGGAG	3053	CUCCUUCU CUGAUGAG GCCGUUAGGC CGAA IOUCAGGA	18360
8787	GAACCGCC A GAAGGAGU	3054		18361
8807	GUACGUGC U CAAUGAGA	3055	ACUCCUUC CUGAUGAG GCCGUUAGGC CGAA IGCGGUUC	18362
8809	ACGUGCUC A AUGAGACC	<del></del>	UCUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICACGUAC	18363
8817	AAUGAGAC C ACCAACUG	3056	GGUCUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCACGU	18364
8818	AUGAGACC A CCAACUGG	3057	CAGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCUCAUU	18365
8820		3058	CCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUCAU	18366
8821	GAGACCAC C AACUGGUU	3059	AACCAGUU CUGAUGAG GCCGUUAGGC CGAA IUGGUCUC	18367
8824	AGACCACC A ACUGGUUG	3060	CAACCAGU CUGAUGAG GCCGUUAGGC CGAA IGUGGUCU	18368
$\vdash$	CCACCAAC U GGUUGUGG	3061	CCACAACC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGG	18369
8844	UUUUUGGC C AGAGAAAA	3062	UUUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICCAAAAA	18370
8845	UUUUGGCC A GAGAAAA	3063	UUUUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAAA	18371
8858	AAAACGUC C CAGAAUGU	3064	ACAUUCUG CUGAUGAG GCCGUUAGGC CGAA IACGUUUU	18372
8859	AAACGUCC C AGAAUGUG	3065	CACAUUCU CUGAUGAG GCCGUUAGGC CGAA IGACGUUU	18373
8860	AACGUCCC A GAAUGUGC	3066	GCACAUUC CUGAUGAG GCCGUUAGGC CGAA IGGACGUU	18374
8869	GAAUGUGC U CUCGAGAG	3067	CUCUCGAG CUGAUGAG GCCGUUAGGC CGAA ICACAUUC	18375
8871	AUGUGCUC U CGAGAGGA	3068	UCCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAGCACAU	18376
8884	AGGAAUUC A UAAGAAAG	3069	CUUUCUUA CUGAUGAG GCCGUUAGGC CGAA IAAUUCCU	18377
8896	GAAAGGUC A ACAGCAAU	3070	AUUGCUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUUC	18378
8899	AGGUCAAC A GCAAUGCA	3071	UGCAUUGC CUGAUGAG GCCGUUAGGC CGAA IUUGACCU	18379
8902	UCAACAGC A AUGCAGCU	3072	AGCUGCAU CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA	18380
8907	AGCAAUGC A GCUUUGGG	3073	CCCAAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGCU	18381
8910	AAUGCAGC U UUGGGUGC	3074	GCACCCAA CUGAUGAG GCCGUUAGGC CGAA ICUGCAUU	18382
8919	UUGGGUGC C AUGUUUGA	3075	UCAAACAU CUGAUGAG GCCGUUAGGC CGAA ICACCCAA	18383
8920	UGGGUGCC A UGUUUGAA	3076	UUCAAACA CUGAUGAG GCCGUUAGGC CGAA IGCACCCA	18384
8933	UGAAGAGC A GAAUCAAU	3077	AUUGAUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	18385
8939	GCAGAAUC A AUGGAGGA	3078	UCCUCCAU CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC	18386
8952	AGGAGCGC C AGAGAAGC	3079	GCUUCUCU CUGAUGAG GCCGUUAGGC CGAA ICGCUCCU	
8953	GGAGCGCC A GAGAAGCA	3080	UGCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGCGCUCC	18387
8961	AGAGAAGC A GUUGAAGA	3081	UCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICUUCUCU	18388
8972	UGAAGAUC C AAAAUUUU	3082	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUCUUCA	18389
8973	GAAGAUCC A AAAUUUUG	3083	CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUCUUC	18390
9009	CGCGAGGC A CAUCUGCG	3084	CGCAGAUG CUGAUGAG GCCGUUAGGC CGAA ICCUCGCG	18391
9011	CGAGGCAC A UCUGCGGG	3085	CCCGCAGA CUGAUGAG GCCGUUAGGC CGAA IUGCCUCG	18392
9014	GGCACAUC U GCGGGGGG	3086		18393
9029	GGAAUGUC A CACUUGCA	3087	CCCCCCGC CUGAUGAG GCCGUUAGGC CGAA IAUGUGCC UGCAAGUG CUGAUGAG GCCGUUAGGC CGAA IACAUUCC	18394
9031	AAUGUCAC A CUUGCAUU	3088		18395
9033	UGUCACAC U UGCAUUUA	3089		18396
9037	ACACUUGC A UUUACAAC	3090	UAAAUGCA CUGAUGAG GCCGUUAGGC CGAA IUGUGACA GUUGUAAA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGU	18397
9043	GCAUUUAC A ACAUGAUG	3091		18398
9046	UUUACAAC A UGAUGGGA	3092	CAUCAUGU CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC UCCCAUCA CUGAUGAG GCCGUUAGGC CGAA IUUGUAAA	18399
9071	GAAAAAC C CGGAGAGU	3093	ACICUCOS CUGALIGAS GOOGHIAGGO COSA TUUGUAAA	18400
9072	AAAAAACC C GGAGAGUU	3094	ACUCUCCG CUGAUGAG GCCGUUAGGC CGAA IUUUUUUC	18401
9090	GGAAAGGC C AAGGGAAG	3095	AACUCUCC CUGAUGAG GCCGUUAGGC CGAA IGUUUUUU	18402
9091	GAAAGGCC A AGGGAAGC	3096	CUUCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCUUUCC	18403
9100	AGGGAAGC A GAGCCAUU	3097	GCUUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCCUUUC	18404
9105	AGCAGAGC C AUUUGGUU	3097	AAUGGCUC CUGAUGAG GCCGUUAGGC CGAA ICUUCCCU	18405
9106	GCAGAGCC A UUUGGUUC		AACCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGCU	18406
9115	UUUGGUUC A UGUGGCUC	3099	GAACCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUCUGC	18407
9122	CAUGUGGC U CGGAGCUC	3100	GAGCCACA CUGAUGAG GCCGUUAGGC CGAA IAACCAAA	18408
9129	CUCGGAGC U CGCUUUCU	3101	GAGCUCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAUG	18409
9133		3102	AGAAAGCG CUGAUGAG GCCGUUAGGC CGAA ICUCCGAG	18410
9137	GAGCUCGC U UUCUGGAG	3103	CUCCAGAA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18411
	UCGCUUUC U GGAGUUCG	3104	CGAACUCC CUGAUGAG GCCGUUAGGC CGAA IAAAGCGA	18412
9150	UUCGAGGC U CUGGGUUU	3105	AAACCCAG CUGAUGAG GCCGUUAGGC CGAA ICCUCGAA	18413
9152	CGAGGCUC U GGGUUUUC	3106	GAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGCCUCG	18414
9161	GGGUUUUC U CAAUGAAG	3107	CUUCAUUG CUGAUGAG GCCGUUAGGC CGAA IAAAACCC	18415
9163	GUUUUCUC A AUGAAGAC	3108	GUCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAAAC	18416

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			Table IV	
9172	AUGAAGAC C ACUGGCUU	3109	AAGCCAGU CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU	18417
9173	UGAAGACC A CUGGCUUG	3110	CAAGCCAG CUGAUGAG GCCGUUAGGC CGAA IGUCUUCA	18418
9175	AAGACCAC U GGCUUGGA	3111	UCCAAGCC CUGAUGAG GCCGUUAGGC CGAA IUGGUCUU	18419
9179	CCACUGGC U UGGAAGAA	3112	UUCUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCAGUGG	18420
9193	GAAAGAAC U CAGGAGGA	3113	UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IUUCUUUC	18421
9195	AAGAACUC A GGAGGAGG	3114	CCUCCUCC CUGAUGAG GCCGUUAGGC CGAA IAGUUCUU	18422
9214	UCGAGGGC U UGGGCCUC	3115	GAGGCCCA CUGAUGAG GCCGUUAGGC CGAA ICCCUCGA	18423
9220	GCUUGGGC C UCCAAAAA	3116	UUUUUGGA CUGAUGAG GCCGUUAGGC CGAA ICCCAAGC	18424
9221	CUUGGGCC U CCAAAAAC	3117	GUUUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCCCAAG	18425
9223	UGGGCCUC C AAAAACUG	3118	CAGUUUUU CUGAUGAG GCCGUUAGGC CGAA IAGGCCCA	18426
9224	GGGCCUCC A AAAACUGG	3119	CCAGUUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCCC	18427
9230	CCAAAAAC U GGGUUACA	3120	UGUAACCC CUGAUGAG GCCGUUAGGC CGAA IUUUUUGG	18428
9238	UGGGUUAC A UCCUGCGU	3121	ACGCAGGA CUGAUGAG GCCGUUAGGC CGAA IUAACCCA	18429
9241	GUUACAUC C UGCGUGAA	3122	UUCACGCA CUGAUGAG GCCGUUAGGC CGAA IAUGUAAC	18430
9242	UUACAUCC U GCGUGAAG	3123	CUUCACGC CUGAUGAG GCCGUUAGGC CGAA IGAUGUAA	18431
9256	AAGUUGGC A CCCGGCCU	3124	AGGCCGGG CUGAUGAG GCCGUUAGGC CGAA ICCAACUU	18432
9258	GUUGGCAC C CGGCCUGG	3125	CCAGGCCG CUGAUGAG GCCGUUAGGC CGAA IUGCCAAC	
9259	UUGGCACC C GGCCUGGG	3126	CCCAGGCC CUGAUGAG GCCGUUAGGC CGAA IGUGCCAA	18433
9263	CACCCGGC C UGGGGGCA	3127	UGCCCCCA CUGAUGAG GCCGUUAGGC CGAA ICCGGGUG	18434
9264	ACCCGGCC U GGGGGCAA	3128	UUGCCCCC CUGAUGAG GCCGUUAGGC CGAA IGCCGGGU	18435
9271	CUGGGGC A AGAUCUAU	3129	AUAGAUCU CUGAUGAG GCCGUUAGGC CGAA ICCCCCAG	+
9277	GCAAGAUC U AUGCUGAU	3130	AUCAGCAU CUGAUGAG GCCGUUAGGC CGAA IAUCUUGC	18437
9282	AUCUAUGC U GAUGACAC	3131	GUGUCAUC CUGAUGAG GCCGUUAGGC CGAA IAUCUUGC	18438
9289	CUGAUGAC A CAGCUGGC	3132	GCCAGCUG CUGAUGAG GCCGUUAGGC CGAA IUCAUCAG	18439
9291	GAUGACAC A GCUGGCUG	3133		18440
9294	GACACAGC U GGCUGGGA	3134	CAGCCAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCAUC UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA ICUGUGUC	18441
9298	CAGCUGGC U GGGACACC	3135		18442
9304	GCUGGGAC A CCCGCAUC	3136	GGUGUCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCUG	18443
9306	UGGGACAC C CGCAUCAC	3137	GAUGCGGG CUGAUGAG GCCGUUAGGC CGAA IUCCCAGC	18444
9307	GGGACACC C GCAUCACG	3138	GUGAUGCG CUGAUGAG GCCGUUAGGC CGAA IUGUCCCA	18445
9310	ACACCCGC A UCACGAGA	3139	CGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IGUGUCCC	18446
9313	CCCGCAUC A CGAGAGCU	3140	UCUCGUGA CUGAUGAG GCCGUUAGGC CGAA ICGGGUGU	18447
9321	ACGAGAGC U GACUUGGA	3141	AGCUCUCG CUGAUGAG GCCGUUAGGC CGAA IAUGCGGG	18448
9325	GAGCUGAC U UGGAAAAU	3142	UCCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCGU	18449
9339	AAUGAAGC U AAGGUGCU	3143	AUUUUCCA CUGAUGAG GCCGUUAGGC CGAA IUCAGCUC	18450
9347	UAAGGUGC U UGAGCUGC	3144	AGCACCUU CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU	18451
9353	GCUUGAGC U GCUUGAUG		GCAGCUCA CUGAUGAG GCCGUUAGGC CGAA ICACCUUA	18452
9356	UGAGCUGC U UGAUGGGG	3145	CAUCAAGC CUGAUGAG GCCGUUAGGC CGAA ICUCAAGC	18453
9368	UGGGGAAC A UCGGCGUC	3146	CCCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICAGCUCA	18454
9377	UCGGCGUC U UGCCAGGG	3147	GACGCCGA CUGAUGAG GCCGUUAGGC CGAA IUUCCCCA	18455
9381	CGUCUUGC C AGGGCCAU	3148	CCCUGGCA CUGAUGAG GCCGUUAGGC CGAA IACGCCGA	18456
9382	GUCUUGCC A GGGCCAUC	3149	AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICAAGACG	18457
9387	GCCAGGGC C AUCAUUGA	3150	GAUGGCCC CUGAUGAG GCCGUUAGGC CGAA IGCAAGAC	18458
		3151	UCAAUGAU CUGAUGAG GCCGUUAGGC CGAA ICCCUGGC	18459
9388	CCAGGGCC A UCAUUGAG	3152	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	18460
9391	GGGCCAUC A UUGAGCUC CAUUGAGC U CACCUAUC	3153	GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA IAUGGCCC	18461
9400	UUGAGCUC A CCUAUCGU	3154	GAUAGGUG CUGAUGAG GCCGUUAGGC CGAA ICUCAAUG	18462
9400	GAGCUCAC C UAUCGUCA	3155	ACGAUAGG CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA	18463
9402		3156	UGACGAUA CUGAUGAG GCCGUUAGGC CGAA IUGAGCUC	18464
9410	AGCUCACC U AUCGUCAC	3157	GUGACGAU CUGAUGAG GCCGUUAGGC CGAA IGUGAGCU	18465
9410	CUAUCGUC A CAAAGUUG	3158	CAACUUUG CUGAUGAG GCCGUUAGGC CGAA IACGAUAG	18466
<del></del>	AUCGUCAC A AAGUUGUG	3159	CACAACUU CUGAUGAG GCCGUUAGGC CGAA IUGACGAU	18467
9433	UGAUGCGC C CGGCUGCU	3160	AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA ICGCAUCA	18468
9434	GAUGCGCC C GGCUGCUG	3161	CAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IGCGCAUC	18469
9438	CGCCCGGC U GCUGAUGG	3162	CCAUCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGGCG	18470
9441	CCGGCUGC U GAUGGAAG	3163	CUUCCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG	18471
9453	GGAAGAAC C GUCAUGGA	3164	UCCAUGAC CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18472
9457	GAACCGUC A UGGAUGUU	3165	AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IACGGUUC	18473
9469	AUGUUAUC U CCAGAGAA	3166	UUCUCUGG CUGAUGAG GCCGUUAGGC CGAA IAUAACAU	18474
9471	GUUAUCUC C AGAGAAGA	3167	UCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAAC	18475
9472	UUAUCUCC A GAGAAGAU	3168	AUCUUCUC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAA	18476
9482	AGAAGAUC A GAGGGGGA	3169	UCCCCCUC CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU	18477

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		•	Table IV	
9497	GAGUGGAC A AGUUGUCA	3170	UGACAACU CUGAUGAG GCCGUUAGGC CGAA IUCCACUC	18478
9505	AAGUUGUC A CCUACGCC	3171	GGCGUAGG CUGAUGAG GCCGUUAGGC CGAA IACAACUU	18479
9507	GUUGUCAC C UACGCCCU	3172	AGGGCGUA CUGAUGAG GCCGUUAGGC CGAA IUGACAAC	18480
9508	UUGUCACC U ACGCCCUA	3173	UAGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUGACAA	18481
9513	ACCUACGC C CUAAACAC	3174	GUGUUUAG CUGAUGAG GCCGUUAGGC CGAA ICGUAGGU	18482
9514	CCUACGCC C UAAACACU	3175	AGUGUUUA CUGAUGAG GCCGUUAGGC CGAA IGCGUAGG	18483
9515	CUACGCCC U AAACACUU	3176	AAGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGCGUAG	18484
9520	CCCUAAAC A CUUUCACC	3177	GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUUAGGG	18485
9522	CUAAACAC U UUCACCAA	3178	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUAG	18486
9526 9528	ACACUUUC A CCAACCUG	3179	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGU	18487
9529	ACUUUCAC C AACCUGGC	3180	GCCAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	18488
9532	UCACCAAC C UGGCCGUC	3181	GGCCAGGU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	18489
9533	CACCAACC U GGCCGUCC	3182	GACGGCCA CUGAUGAG GCCGUUAGGC CGAA IUUGGUGA	18490
9537	AACCUGGC C GUCCAGCU	3183	GGACGGCC CUGAUGAG GCCGUUAGGC CGAA IGUUGGUG	18491
9541	UGGCCGUC C AGCUGGUG	3184	AGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUU	18492
9542	GGCCGUCC A GCUGGUGA	3185	CACCAGCU CUGAUGAG GCCGUUAGGC CGAA IACGGCCA	18493
9545	CGUCCAGC U GGUGAGGA	3187	UCACCAGC CUGAUGAG GCCGUUAGGC CGAA IGACGGCC	18494
9580	UGAUUGGC C CAGAUGAU	3188	UCCUCACC CUGAUGAG GCCGUUAGGC CGAA ICUGGACG AUCAUCUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18495
9581	GAUUGGCC C AGAUGAUG	3189	CAUCAUCU CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18496
9582	AUUGGCCC A GAUGAUGU	3190	ACAUCAUC CUGAUGAG GCCGUUAGGC CGAA IGCCAAUC	18497
9599	GGAGAAAC U CACAAAAG	3191	CUUUUGUG CUGAUGAG GCCGUUAGGC CGAA IUUUCUCC	18498
9601	AGAAACUC A CAAAAGGG	3192	CCCUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU	18499
9603	AAACUCAC A AAAGGGAA	3193	UUCCCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAGUUU	18500
9617	GAAAGGAC C CAAAGUCA	3194	UGACUUUG CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18501 18502
9618	AAAGGACC C AAAGUCAG	3195	CUGACUUU CUGAUGAG GCCGUUAGGC CGAA IGUCCUUU	18503
9619	AAGGACCC A AAGUCAGG	3196	CCUGACUU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUU	18504
9625	CCAAAGUC A GGACCUGG	3197	CCAGGUCC CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	18505
9630	GUCAGGAC C UGGCUGUU	3198	AACAGCCA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAC	18506
9631	UCAGGACC U GGCUGUUU	3199	AAACAGCC CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	18507
9635	GACCUGGC U GUUUGAGA	3200	UCUCAAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUC	18508
9659 9661	AGAAAGAC U CAGCCGCA	3201	UGCGGCUG CUGAUGAG GCCGUUAGGC CGAA IUCUUUCU	18509
9664	AAAGACUC A GCCGCAUG GACUCAGC C GCAUGGCU	3202	CAUGCGGC CUGAUGAG GCCGUUAGGC CGAA IAGUCUUU	18510
9667	UCAGCCGC A UGGCUGUC	3203	AGCCAUGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGUC	18511
9672	CGCAUGGC U GUCAGUGG	3204	GACAGCCA CUGAUGAG GCCGUUAGGC CGAA ICGGCUGA	18512
9676	UGGCUGUC A GUGGAGAU	3205 3206	CCACUGAC CUGAUGAG GCCGUUAGGC CGAA ICCAUGCG	18513
9688	GAGAUGAC U GUGUGGUA	3207	AUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	18514
9701	GGUAAAGC C CCUGGACG	3208	UACCACAC CUGAUGAG GCCGUUAGGC CGAA IUCAUCUC CGUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUUUACC	18515
9702	GUAAAGCC C CUGGACGA	3209	Transpara	18516
9703	UAAAGCCC C UGGACGAU	3210	AUCGUCCA CUGAUGAG GCCGUUAGGC CGAA IGCUUUAC AUCGUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCUUUA	18517
9704	AAAGCCCC U GGACGAUC	3211	GAUCGUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCUUU	18518
9715	ACGAUCGC U UUGCCACC	3212	GGUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGAUCGU	18519
9720	CGCUUUGC C ACCUCGCU	3213	AGCGAGGU CUGAUGAG GCCGUUAGGC CGAA ICAAAGCG	18520
9721	GCUUUGCC A CCUCGCUC	3214	GAGCGAGG CUGAUGAG GCCGUUAGGC CGAA IGCAAAGC	18521
9723	UUUGCCAC C UCGCUCCA	3215	UGGAGCGA CUGAUGAG GCCGUUAGGC CGAA IUGGCAAA	18523
9724	UUGCCACC U CGCUCCAC	3216	GUGGAGCG CUGAUGAG GCCGUUAGGC CGAA IGUGGCAA	18524
9728	CACCUCGC U CCACUUCC	3217	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGGUG	18525
9730	CCUCGCUC C ACUUCCUC	3218	GAGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGCGAGG	18526
9731	CUCGCUCC A CUUCCUCA	3219	UGAGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGCGAG	18527
9733	CGCUCCAC U UCCUCAAU	3220	AUUGAGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGCG	18528
9736	UCCACUUC C UCAAUGCU	3221	AGCAUUGA CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	18529
9739	ACUUCCUC A AUGCUAUG	3222	UAGCAUUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	18530
9744	CUCAAUGC U AUGUCAAA	3223	CAUAGCAU CUGAUGAG GCCGUUAGGC CGAA IAGGAAGU	18531
9750	GCUAUGUC A AAGGUUCG	3224	UUUGACAU CUGAUGAG GCCGUUAGGC CGAA ICAUUGAG	18532
9760	AGGUUCGC A AAGACAUC	3225	CGAACCUU CUGAUGAG GCCGUUAGGC CGAA IACAUAGC	18533
9766	GCAAAGAC A UCCAAGAG	3226	GAUGUCUU CUGAUGAG GCCGUUAGGC CGAA ICGAACCU	18534
9769	AAGACAUC C AAGAGUGG	3227	CUCUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUUUGC	18535
9770	AGACAUCC A AGAGUGGA	3228	CCACUCUU CUGAUGAG GCCGUUAGGC CGAA IAUGUCUU	18536
9782	GUGGAAAC C GUCAACUG	3230	UCCACUCU CUGAUGAG GCCGUUAGGC CGAA IGAUGUCU	18537
			CAGUUGAC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAC	18538

9786	ANACCCITC A ACTICCATIC	2221	T CAMPORATE CHICAGO CONTROL CO	T
	AAACCGUC A ACUGGAUG	3231	CAUCCAGU CUGAUGAG GCCGUUAGGC CGAA IACGGUUU	18539
9789	CCGUCAAC U GGAUGGUA	3232	UACCAUCC CUGAUGAG GCCGUUAGGC CGAA IUUGACGG	18540
9806	UGAUUGGC A GCAGGUUC	3233	GAACCUGC CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18541
9809	UUGGCAGC A GGUUCCAU	3234	AUGGAACC CUGAUGAG GCCGUUAGGC CGAA ICUGCCAA	18542
9815	GCAGGUUC C AUUUUGCU	3235	AGCAAAAU CUGAUGAG GCCGUUAGGC CGAA IAACCUGC	18543
9816	CAGGUUCC A UUUUGCUC	3236	GAGCAAAA CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	
	<del></del>		+	18544
9823	CAUUUUGC U CAAACCAU	3237	AUGGUUUG CUGAUGAG GCCGUUAGGC CGAA ICAAAAUG	18545
9825	UUUUGCUC A AACCAUUU	3238	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCAAAA	18546
9829	GCUCAAAC C AUUUCACU	3239	AGUGAAAU CUGAUGAG GCCGUUAGGC CGAA IUUUGAGC	18547
9830	CUCAAACC A UUUCACUG	3240	CAGUGAAA CUGAUGAG GCCGUUAGGC CGAA IGUUUGAG	18548
9835	ACCAUUUC A CUGAAUUG	3241	CAAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGU	
9837	<del></del>			18549
	CAUUUCAC U GAAUUGAU	3242	AUCAAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAAAUG	18550
9847	AAUUGAUC A UGAAAGAU	3243	AUCUUUCA CUGAUGAG GCCGUUAGGC CGAA IAUCAAUU	18551
9864	GGAAGAAC A CUGGUGGU	3244	ACCACCAG CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18552
9866	AAGAACAC U GGUGGUUC	3245	GAACCACC CUGAUGAG GCCGUUAGGC CGAA IUGUUCUU	18553
9875	GGUGGUUC C AUGCCGAG	3246	CUCGGCAU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	18554
9876	GUGGUUCC A UGCCGAGG	3247	CCUCGGCA CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	<del> </del>
9880	UUCCAUGC C GAGGACAG			18555
	<del> </del>	3248	CUGUCCUC CUGAUGAG GCCGUUAGGC CGAA ICAUGGAA	18556
9887	CCGAGGAC A GGAUGAAU	3249	AUUCAUCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCGG	18557
9904	UGGUAGGC A GAGCUCGC	3250	GCGAGCUC CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	18558
9909	GGCAGAGC U CGCAUAUC	3251	GAUAUGCG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	18559
9913	GAGCUCGC A UAUCUCCA	3252	UGGAGAUA CUGAUGAG GCCGUUAGGC CGAA ICGAGCUC	18560
9918	CGCAUAUC U CCAGGGGC	3253	<del></del>	<del> </del>
9920		<del></del>		18561
	CAUAUCUC C AGGGGCCG	3254	CGGCCCCU CUGAUGAG GCCGUUAGGC CGAA IAGAUAUG	18562
9921	AUAUCUCC A GGGGCCGG	3255	CCGGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGAUAU	18563
9927	CCAGGGGC C GGAUGGAA	3256	UUCCAUCC CUGAUGAG GCCGUUAGGC CGAA ICCCCUGG	18564
9940	GGAACGUC C GCGACACU	3257	AGUGUCGC CUGAUGAG GCCGUUAGGC CGAA IACGUUCC	18565
9946	UCCGCGAC A CUGCUUGU	3258	ACAAGCAG CUGAUGAG GCCGUUAGGC CGAA IUCGCGGA	<del> </del>
9948	CGCGACAC U GCUUGUCU	3259	AGACAAGC CUGAUGAG GCCGUUAGGC CGAA IUGUCGCG	18566
9951	<del> </del>	<del></del>		18567
	GACACUGC U UGUCUGGC	3260	GCCAGACA CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	18568
9956	UGCUUGUC U GGCUAAGU	3261	ACUUAGCC CUGAUGAG GCCGUUAGGC CGAA IACAAGCA	18569
9960	UGUCUGGC U AAGUCUUA	3262	UAAGACUU CUGAUGAG GCCGUUAGGC CGAA ICCAGACA	18570
9966	GCUAAGUC U UAUGCCCA	3263	UGGGCAUA CUGAUGAG GCCGUUAGGC CGAA IACUUAGC	18571
9972	UCUUAUGC C CAGAUGUG	3264	CACAUCUG CUGAUGAG GCCGUUAGGC CGAA ICAUAAGA	18572
9973	CUUAUGCC C AGAUGUGG	3265	CCACAUCU CUGAUGAG GCCGUUAGGC CGAA IGCAUAAG	
9974	UUAUGCCC A GAUGUGGC	3266		18573
9983		<del></del>	GCCACAUC CUGAUGAG GCCGUUAGGC CGAA IGGCAUAA	18574
	GAUGUGGC U GCUUCUGU	3267	ACAGAAGC CUGAUGAG GCCGUUAGGC CGAA ICCACAUC	18575
9986	GUGGCUGC U UCUGUACU	3268	AGUACAGA CUGAUGAG GCCGUUAGGC CGAA ICAGCCAC	18576
9989	GCUGCUUC U GUACUUCC	3269	GGAAGUAC CUGAUGAG GCCGUUAGGC CGAA IAAGCAGC	18577
9994	UUCUGUAC U UCCACAGA	3270	UCUGUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGAA	18578
9997	UGUACUUC C ACAGAAGA	3271	UCUUCUGU CUGAUGAG GCCGUUAGGC CGAA IAAGUACA	
9998	GUACUUCC A CAGAAGAG	3272		18579
10000	ACUUCCAC A GAAGAGAC	<del></del>	CUCUUCUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUAC	18580
		3273	GUCUCUUC CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	18581
10009	GAAGAGAC C UGCGGCUC	3274	GAGCCGCA CUGAUGAG GCCGUUAGGC CGAA IUCUCUUC	18582
10010	AAGAGACC U GCGGCUCA	3275	UGAGCCGC CUGAUGAG GCCGUUAGGC CGAA IGUCUCUU	18583
10016	CCUGCGGC U CAUGGCCA	3276	UGGCCAUG CUGAUGAG GCCGUUAGGC CGAA ICCGCAGG	18584
10018	UGCGGCUC A UGGCCAAC	3277	GUUGGCCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCA	
10023	CUCAUGGC C AACGCCAU	3278	AUGGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCAUGAG	18585
10024	UCAUGGCC A ACGCCAUU			18586
		3279	AAUGGCGU CUGAUGAG GCCGUUAGGC CGAA IGCCAUGA	18587
10029	GCCAACGC C AUUUGCUC	3280	GAGCAAAU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGC	18588
10030	CCAACGCC A UUUGCUCC	3281	GGAGCAAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG	18589
10036	CCAUUUGC U CCGCUGUC	3282	GACAGCGG CUGAUGAG GCCGUUAGGC CGAA ICAAAUGG	18590
10038	AUUUGCUC C GCUGUCCC	3283	GGGACAGC CUGAUGAG GCCGUUAGGC CGAA IAGCAAAU	18591
10041	UGCUCCGC U GUCCCUGU	3284	ACAGGGAC CUGAUGAG GCCGUUAGGC CGAA ICGGAGCA	
10045	CCGCUGUC C CUGUGAAU			18592
10045		3285	AUUCACAG CUGAUGAG GCCGUUAGGC CGAA IACAGCGG	18593
	CGCUGUCC C UGUGAAUU	3286	AAUUCACA CUGAUGAG GCCGUUAGGC CGAA IGACAGCG	18594
10047	GCUGUCCC U GUGAAUUG	3287	CAAUUCAC CUGAUGAG GCCGUUAGGC CGAA IGGACAGC	18595
10060	AUUGGGUC C CUACCGGA	3288	UCCGGUAG CUGAUGAG GCCGUUAGGC CGAA IACCCAAU	18596
10061	UUGGGUCC C UACCGGAA	3289	UUCCGGUA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA	18597
10062	UGGGUCCC U ACCGGAAG	3290	CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA IGGACCCA	
10065	GUCCCUAC C GGAAGAAC	3291		18598
		3431	GUUCUUCC CUGAUGAG GCCGUUAGGC CGAA IUAGGGAC	18599

# WO 02/068637 PCT/US01/48350 Table IV

			Table IV	
10074	GGAAGAAC C ACGUGGUC	3292	GACCACGU CUGAUGAG GCCGUUAGGC CGAA IUUCUUCC	18600
10075	GAAGAACC A CGUGGUCC	3293	GGACCACG CUGAUGAG GCCGUUAGGC CGAA IGUUCUUC	18601
10083	ACGUGGUC C AUCCAUGC	3294	GCAUGGAU CUGAUGAG GCCGUUAGGC CGAA IACCACGU	18602
10084	CGUGGUCC A UCCAUGCA	3295	UGCAUGGA CUGAUGAG GCCGUUAGGC CGAA IGACCACG	18603
10087	GGUCCAUC C AUGCAGGA	3296	UCCUGCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	
10088	GUCCAUCC A UGCAGGAG	3297	CUCCUGCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	18604
10092	AUCCAUGC A GGAGGAGA	3298		18605
10110	UGGAUGAC A ACAGAGGA	3299		18606
10113	AUGACAAC A GAGGACAU	3300		18607
10120	CAGAGGAC A UGUUGGAG	3301	Total Total	18608
10132	UGGAGGUC U GGAACCGU	3302	CUCCAACA CUGAUGAG GCCGUUAGGC CGAA IUCCUCUG	18609
10138	UCUGGAAC C GUGUUUGG	3302	ACGGUUCC CUGAUGAG GCCGUUAGGC CGAA IACCUCCA	18610
10174	UGGAAGAC A AAACCCCA	3304	CCAAACAC CUGAUGAG GCCGUUAGGC CGAA IUUCCAGA	18611
10179	GACAAAAC C CCAGUGGA		UGGGGUUU CUGAUGAG GCCGUUAGGC CGAA IUCUUCCA	18612
10180	<del></del>	3305	UCCACUGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGUC	18613
10181	ACAAAACC C CAGUGGAG	3306	CUCCACUG CUGAUGAG GCCGUUAGGC CGAA IGUUUUGU	18614
10182	CAAAACCC C AGUGGAGA	3307	UCUCCACU CUGAUGAG GCCGUUAGGC CGAA IGGUUUUG	18615
	AAAACCCC A GUGGAGAA	3308	UUCUCCAC CUGAUGAG GCCGUUAGGC CGAA IGGGUUUU	18616
10204	GUGACGUC C CAUAUUCA	3309	UGAAUAUG CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	18617
10205	UGACGUCC C AUAUUCAG	3310	CUGAAUAU CUGAUGAG GCCGUUAGGC CGAA IGACGUCA	18618
10206	GACGUCCC A UAUUCAGG	3311	CCUGAAUA CUGAUGAG GCCGUUAGGC CGAA IGGACGUC	18619
10212	CCAUAUUC A GGAAAACG	3312	CGUUUUCC CUGAUGAG GCCGUUAGGC CGAA IAAUAUGG	18620
10228	GAGAGGAC A UCUGGUGU	3313	ACACCAGA CUGAUGAG GCCGUUAGGC CGAA IUCCUCUC	18621
10231	AGGACAUC U GGUGUGGC	3314	GCCACACC CUGAUGAG GCCGUUAGGC CGAA IAUGUCCU	18622
10240	GGUGUGGC A GCCUGAUU	3315	AAUCAGGC CUGAUGAG GCCGUUAGGC CGAA ICCACACC	18623
10243	GUGGCAGC C UGAUUGGC	3316	GCCAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGCCAC	18624
10244	UGGCAGCC U GAUUGGCA	3317	UGCCAAUC CUGAUGAG GCCGUUAGGC CGAA IGCUGCCA	18625
10252	UGAUUGGC A CAAGAGCC	3318	GGCUCUUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCA	18626
10254	AUUGGCAC A AGAGCCCG	3319	CGGGCUCU CUGAUGAG GCCGUUAGGC CGAA IUGCCAAU	18627
10260	ACAAGAGC C CGAGCCAC	3320	GUGGCUCG CUGAUGAG GCCGUUAGGC CGAA ICUCUUGU	18628
10261	CAAGAGCC C GAGCCACG	3321	CGUGGCUC CUGAUGAG GCCGUUAGGC CGAA IGCUCUUG	18629
10266	GCCCGAGC C ACGUGGGC	3322	GCCCACGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGGC	18630
10267	CCCGAGCC A CGUGGGCA	3323	UGCCCACG CUGAUGAG GCCGUUAGGC CGAA IGCUCGGG	18631
10275	ACGUGGGC A GAAAACAU	3324	AUGUUUUC CUGAUGAG GCCGUUAGGC CGAA ICCCACGU	18632
10282	CAGAAAAC A UCCAGGUG	3325	CACCUGGA CUGAUGAG GCCGUUAGGC CGAA IUUUUCUG	18633
10285	AAAACAUC C AGGUGGCU	3326	AGCCACCU CUGAUGAG GCCGUUAGGC CGAA IAUGUUUU	18634
10286	AAACAUCC A GGUGGCUA	3327	UAGCCACC CUGAUGAG GCCGUUAGGC CGAA IGAUGUUU	18635
10293	CAGGUGGC U AUCAACCA	3328	UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA ICCACCUG	18636
10297	UGGCUAUC A ACCAAGUC	3329	GACUUGGU CUGAUGAG GCCGUUAGGC CGAA IAUAGCCA	18637
10300	CUAUCAAC C AAGUCAGA	3330	UCUGACUU CUGAUGAG GCCGUUAGGC CGAA IUUGAUAG	18638
10301	UAUCAACC A AGUCAGAG	3331	CUCUGACU CUGAUGAG GCCGUUAGGC CGAA IGUUGAUA	18639
10306	ACCAAGUC A GAGCAAUC	3332	GAUUGCUC CUGAUGAG GCCGUUAGGC CGAA IACUUGGU	18640
10311	GUCAGAGC A AUCAUCGG	3333	CCGAUGAU CUGAUGAG GCCGUUAGGC CGAA ICUCUGAC	18641
10315	GAGCAAUC A UCGGAGAU	3334	AUCUCCGA CUGAUGAG GCCGUUAGGC CGAA IAUUGCUC	18642
10342	UGGAUUAC A UGAGUUCA	3335	UGAACUCA CUGAUGAG GCCGUUAGGC CGAA IUAAUCCA	18643
10350	AUGAGUUC A CUAAAGAG	3336	CUCUUUAG CUGAUGAG GCCGUUAGGC CGAA IAACUCAU	18644
10352	GAGUUCAC U AAAGAGAU	3337	AUCUCUUU CUGAUGAG GCCGUUAGGC CGAA IUGAACUC	18645
10369	AUGAAGAC A CAACUUUG	3338	CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IUCUUCAU	18646
10371	GAAGACAC A ACUUUGGU	3339	ACCAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGUCUUC	18647
10374	GACACAAC U UUGGUUGA	3340	UCAACCAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGUC	18648
10387	UUGAGGAC A CAGUACUG	3341	CAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUCCUCAA	18649
10389	GAGGACAC A GUACUGUA	3342	UACAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUCCUC	18650
10394	CACAGUAC U GUAGAUAU	3343	AUAUCUAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUG	18651
10409	AUUUAAUC A AUUGUAAA	3344	UUUACAAU CUGAUGAG GCCGUUAGGC CGAA IAUUAAAU	
10423	AAAUAGAC A AUAUAAGU	3345	ACUUAUAU CUGAUGAG GCCGUUAGGC CGAA IUCUAUUU	18652
10436	AAGUAUGC A UAAAAGUG	3346	CACUUUUA CUGAUGAG GCCGUUAGGC CGAA ICAUACUU	18653
10509	AGAAAGUC A GGCCGGGA	3347	UCCCGGCC CUGAUGAG GCCGUUAGGC CGAA ICAUACUU	18654
10513	AGUCAGGC C GGGAAGUU	3348	AACUUCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	18655
10523	GGAAGUUC C CGCCACCG	3349	CGGUGGCG CUGAUGAG GCCGUUAGGC CGAA IACUUCC	18656
10524	GAAGUUCC C GCCACCGG	3350	CCGGUGGC CUGAUGAG GCCGUUAGGC CGAA IAACUUCC	18657
10527	GUUCCCGC C ACCGGAAG	3351		18658
10528	UUCCCGCC A CCGGAAGU	3352	CUUCCGGU CUGAUGAG GCCGUUAGGC CGAA ICGGGAAC	18659
		2222	ACUUCCGG CUGAUGAG GCCGUUAGGC CGAA IGCGGGAA	18660

19551   GACGRIGUE O GECULOGIA   3354   DICCAGGE CIDANIGAG GECGUIAGGE CORA TACAGGAC   18662   10555   GIUCUIGCU GECULOGIACUCA   3356   GARGUEGA CURANIGAG GECGUIAGGE CORA TACAGCAC   18664   10561   CULCUACAC U GACACCCA   3356   UGAGUEGA CURANIGAG GECGUIAGGE CORA TACAGCAC   18664   10561   CULCUACAC U GACACCCA   3356   UGAGUEGA CURANIGAG GECGUIAGGE CORA TACACCAC   18664   10565   GACCUACAC C ACCCAGGA   3358   CULCUAGGE CURANIGAG GECGUIAGGE CORA TACACCAC   18664   10566   GACCACAC C ACCCAGGA   3358   CULCUAGGE CURANIGAG GECGUIAGGE CORA TACACCAC   18667   10567   ACUCAACC C CAGAGGA   3360   UCULUCUAC CURANIGAG GECGUIAGGE CORA TACACCAC   18667   10568   CULCACCC C AGAGGAC   3161   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   18667   10569   UCAACCC C AGAGGAC   3164   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   UCAACCC C AGAGGAC   3164   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   UCAACCC C AGAGGAC   3164   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   UCAACCC C AGAGGAC   3164   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   UCAACCC C AGAGGAC   3164   GIUCUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   UCAACCC C AGAGGAC   3164   GUICUACC CURANIGAG GECGUIAGGE CORA TACACCAC   10569   ARGUEAUC C AUGURAGC   3365   GUIUCACC CURANIGAG GECGUIAGGE CORA TUCCACC   18671   10561   ARGUEAUC C AUGURAGC   3365   GUIUCACC CURANIGAG GECGUIAGGE CORA TUCCACC   18671   10562   ARGUEAUC C CUCAGAAC   3366   GUIUCACAC CURANIGAG GECGUIAGGE CORA TUCCACC   18671   10563   ARGUEAUC C CUCAGAAC   3366   GUIUCACAC CURANIGAG GECGUIAGGE CORA TUCCACC   18673   10564   GARGUEC C CUCAGAAC   3367   GUIUCACAC CURANIGAG GECGUIAGGE CORA TACACCAC   18673   10564   GARGUEC C CUCAGAACC   3367   GUIUCACAC CURANIGAG GECGUIAGGE CORA TUCCACC   18673   10565   GARGUEC C CUCAGAACC   3367   GUIUCACAC CURANIGAG GECGUIAGGE CORA TUCCACC   18673   10561   ARGUEC C CUCAGAAC   3367   GUIUCACAC CURANIGAG GECGUIAGGE CORA TUCCACC   18673   10562   GARGUEC C CACAGUGUI   3377   ACACACUG CURANIGA GECGUIAGGE CORA TUCCACC   18673   10563	10530	CCCGCCAC C GGAAGUUG	3353	CAACUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGCGGG	18661
19555   GRUCCIUC C UGACACIC   3355   GAGUICCA CUGAURAG GECQUILAGGE COAN ICACACIC   18654   19555   CUGACICC U CAACCACC   13657   19555   CUGACICCA CUGAURAG GECQUILAGGE COAN ICACCACC   18664   19554   CUGACACC C CACAGAGG   3356   CCUUCCUG CUGAURAG GECQUILAGGE COAN ICACCACCA   18665   19556   CACUCACCACC C CACAGAGG   3356   CCUUCCUG CUGAURAG GECQUILAGGE COAN IACUCCACC   18665   19556   CACUCACC C CACAGAGG   3356   CCUUCCUG CUGAURAG GECQUILAGGE COAN IACUCCACC   18665   CACACACC C AGGAGGA   3356   CUCCCUCCUG CUGAURAG GECQUILAGGE COAN IACUCCAC   18665   CACACACC C AGGAGGAC   3361   GUCCUCCC CUGAURAG GECQUILAGGE COAN IACUCCAC   18667   CACACACCC C AGGAGGAC   3361   GUCCUCCC CUGAURAG GECQUILAGGE COAN IACUCCAC   18671   CACACACCAC   CACACACCAC   AGGAGGAC   3361   GUCCUCCC CUGAURAG GECQUILAGGE COAN IACUCCACC   18672   CACACACCAC   CACACACCACCAC   CACACACCAC   CACACACCAC	10551	GACGGUGC U GCCUGCGA	3354		+
19555  GUOCUGAC U GAGACUCA   33557   UGAGUGUC CUARARIA GACCULURAGE CAA IGCACAC   1866.5   1956.1   UGAGUGUC CUARARIA GACCULURAGE CAA IGCACAC   1866.5   1956.5   UGAGACUC A ACCCCAGG   3359   CCUCCUG CUARARIA GCCCULURAGE CAA IGCACAC   1366.6   1956.5   UGACACC C CAGARAGA   3359   CCUCCUG CUARARIA GCCCULURAGE CAA IGCACAC   1366.7   1956.7   ACUCACC C CAGARAGA   3359   CCUCCUG CUARARIA GCCCULURAGE CAA IGUICACA   1366.7   1956.7   ACUCACC C CAGARAGA   3369   CCUCCUG CUARARIA GCCCULURAGE CAA IGUICACA   1366.7   1956.7   ACUCACC C CAGARAGA   3361   GICCUCCUC CUARARIA GCCCULURAGE CAA IGUICACA   1366.7   1956.7   ACUCACC C CAGARAGA   3361   GICCUCCUC CUARARIA GCCCULURAGE CAA IGUICACA   1366.7   1957.7   AGRAGACA   AGRICALA   3361   GUCCUCCUC CUARARIA GCCCULURAGE CAA IGUICACA   1367.7   1367.7   AGRAGACA   ARCCCCC   3364   CCCCGCCUCUCACACA   CCCCCCC CUARARIA   GCCCULURAGE   CAA IGUICACA   1367.7   1366.3   AACRAGAC   GCCARAGRA   3365   GUUCACA CURRARIA   GCCCULURAGE   CAA IGUICACA   1367.7   1366.3   AACRAGAC   CCCCARAGRA   3365   GUUCACA CURRARIA   GCCCULURAGE   CAA IGUICACA   1367.7   1366.3   AACRAGAC   AUGACAC   3366   GUUCACA CURRARIA   GCCCULURAGE   CAA IGUICACA   1367.8   1366.3   AACRAGAC   AUGACAC   3366   GUUCACA CURRARIA   GCCCULURAGE   CAA IGUICACA   1367.8   1361.2   AUGARAGC   CUARARIA   GCCULURAGA   GCCULURAGE   CAA IGUICACA   1367.8   1361.2   AUGARAGC   CUARARIA   GCCULURAGA   GCCULURAGE   CAA IGUICACA   1367.8   1361.2   AUGARAGC   CUARARIA   GCCULURAGA   GCCULURAGE   CAA IGUICACA   1367.8   1361.2   AUGARAGC   CUARARIA   GCCULURAGA   GCCULUR	10554	GGUGCUGC C UGCGACUC	3355		<del> </del>
1955  CCUGGARC U CAACCCCA   3357   COUGGARC CURAINGA   CCCUTURGE COAN INCICACION   18655   19565   GACICANC C CAAGAGAS   3359   CCUCCUTG CUCAUGAS   CCCUTURGE COAN INCICACION   18667   18565   CACUCACC C CAAGAGAS   3359   CCUCCUTG CUCAUGAS   CCCUTURGE COAN INDICACION   18667   18566   CACUCACC C CAAGAGAS   3350   CCUCCUTG CUCAUGAS   CCCUTURGE COAN INDICACION   18667   18566   CACUCACC C CAAGAGAS   3351   GUCCUCCC CUCAUGAS   CCCUTURGE COAN INDICACION   18667   18568   CUCAUCACC C AGAGAGAC   3361   GUCCUCCC CUCAUGAS   CCCUTURGE COAN INDICACCC   18672   18571   18589   MCAACCCC A GARGAGAC   3363   GUUCACCC CUCAUGAS   CCCUTURGE COAN INDICACCC   18672   18591   18599   ACACAACC C AGAGAGAC   3364   GUUCACCC CUCAUGAS   CCCUTURGE COAN INCICCUC   18672   18591   18599   ACACAACC C GAAGAGC   3364   CUCUCUCC CUCAUGAS   CCCUTURGE COAN INCICCUC   18672   18599   ACACAACC C GAAGAGC   3365   CACUUCCC CUCAUGAS   CCCUTURGE CAAN INCICCUC   18673   18694   ANGUAUGAC C AUGABAC   3366   CACUUCCC CUCAUGAS   CCCUTURGE CAAN INCICCUC   18673   18694   ANGUAUGA C AUGABAC   3366   CACUUCCC CUCAUGAS   CCCUTURGE CAAN INCICCUC   18673   18694   ANGUAUGA C AUGABAC   3366   CACUUCCC CUCAUGAS   CCCUTURGE CAAN INCICCUC   18673   18694   ANGUAUGA C AUGABAC   3366   CACUUCCC CUCAUGAS   CCCUTURGE CAAN INCICCUC   18673   18694   ANGUAUGA C CUCAUGAS   CACUUCCAU   CUCAUGAS   CCCUTURG CAAN INCICCUC   18673   CACUUCCAU   CACUUCCAU   CUCAUGAS   CCCUTURG CAAN INCICCUC   18673   CACUUCCAU   CUCAUGAS   CCCUTURG CAAN INCICCUC   18673   CACUUCCAU   CUCAUGAS   CCCUTURG CAAN INCICCUC   18673   CACUUCCAU   CUCAUGAS   CCC	10555	GUGCUGCC U GCGACUCA	3356		<del></del>
1955  UGCCACC C CAGGAGG   3359   CCUCCAG CUARGAG COGUNAGC CAA INGCOURD   18666   19566   CACCUCACC C CAGGAGGA   3359   CCUCCAG CUARGAGG COGUNAGC CAA INGCOURD   18667   19567   ACUCACC C C CAGGAGGA   3360   CCUCCAG CUARGAGG COGUNAGC CAA INGCOURD   18668   19568   CACACCC C A GGAGGAC   3361   GGCCCCC CUARGAGG COGUNAGC CAA INGCOURD   18668   19569   CCACCCC C GGAGGAC   GGAGGAC   3361   GGCCCCC CUARGAGG CCCUNAGC CAA INGCOURD   18670   19586   GGGUGAAC C GGAGGAC   3363   GGCCCCC CUARGAGG CCCUNAGC CAA INGCOURD   18671   19586   GGGUGAAC C ARACCCCC C GGAGAGGC   3364   CCCUCCCC CUARGAGG CCCUNAGC CAA INCCCCC   18671   19589   CACACACC C GGGAGGC   3364   CCCUCCAC CUARGAGG CCCUNAGC CAA INCCCCC   18671   19591   ACAAAGC C GGGAGGG   3365   CCCUCCAC CUARGAGG CCCUNAGC CAA INCCCCC   18671   19592   ACAAAGC C GGGAAGGC   3366   CCUUCAC CUARGAGG CCCUNAGC CAA INCCCCC   18672   19592   ACAAAGC C UARAAC   3366   CCUUCAC CUARGAGG CCCUNAGC CAA INCCCCU   18674   19592   ACAAAGC C UARAAC   3369   GUUCUAG CUARGAGG CCCUNAGC CAA INCCCCU   18674   19592   CCUCAGAC   3369   GUUCUGA CUARGAGG CCCUNAGC CAA INCCCCU   18674   19592   CCUCAGAC   3369   GUUCUGA CUARGAGG CCCUNAGC CAA INCCCCU   18674   19592   CCUCAGAC   3369   GUUCUGA CUARGAGG CCCUNAGC CAA INCCCCU   18675   19592   CCUCAGAC   3369   GUUCUGA CUARGAGG CCCUNAGC CAA INCCCUC   18675   19592   CCUCAGAC   3369   GUUCUGA CUARGAGG CCCUNAGC CAA INCCCUC   18675   19592   CCUCAGAC   CCUCAGAGG CCCUNAGC CAA INCCCUC   18679   19592   CCUCAGAC   CCUCAGAGG CCUCAGAG CCCUNAGC CAA INCCCUC   18679   CCUCAGAGG CCCUNAGC CAA INCCC	10561	CCUGCGAC U CAACCCCA			<del></del>
1955    GACUCAAC C CEAGARGA   3359   CUICCUSG CUBAURAG   CCCRIURAGE CRAN ITURGARIO   18657   18557   ACCLARACC C AGRAGGAC   3351   GUICCUCC CUBAURAG   GECULURAGE CRAN ITURGARIO   18658   18558   UCAACCCC A GGAGGAC   3351   GUICCUCC CUBAURAG   GECULURAGE CRAN ITURGARIO   18659   18559   ACACCACC A GGAGGAC   3352   GUICCUCC CUBAURAG   GECULURAGE CRAN ITURGARIO   18671   18571   AGRAGGAC   GGARA   GGGGUUAGA   3353   GUICCUCC CUBAURAG   GECULURAGE CRAN ITURCACC   18671   18591   ACACACAC   CUBAURAG   GECULURAGE CRAN ITURCACC   18673   18693   ACACACAC   CUBAURAG   GECULURAGE CRAN ITURCACU   18671   18694   AUGUAGAC   CUBAURAG   GUICCUCA   CUBAURAG   GECULURAGE   GAN ITURCACU   18671   18694   AUGUAGAC   CUBAURAG   GUICCUCA   CUBAURAG   GECULURAGE   GAN ITURCACU   18671		<del></del>	+		<del></del>
1955  ACUCANCC C CAGGAGGA   3360   UCCUCCUG CUGANGAG GCOGULAGOC COAA TGUTUGAGU   18659   10586   UCAAACCC CA GGAGGACU   3362   AGUCCUCC CUGANGAG GCOGULAGOC COAA TGUTUGAGU   18670   10577   AGGAGGAC CA AGGGGGAC   3363   GUCCACCC CUGANGAG GCOGULAGOC COAA TGUTUGACC   18671   10586   GGGGGAAC A AAGCCCC   3363   GUCCACCC CUGANGAG GCOGULAGOC COAA TGUTUGACC   18671   10586   GGGGGAAC A AAGCCCC   3364   COCCAGGGU CUGANGAG GCOGULAGOC COAA TUCCACCC   18671   10591   AACAAAGC C GCCAAAGCG   3365   GCUCACCC CUGANGAG GCCGULAGOC COAA TUCCACCC   18671   10593   AACAAAGC C GCCAAAGCG   3366   GCUUACAC CUGANGAG GCCGULAGOC COAA TUCCACCU   18671   10593   AACAAAGC   AGUCACC   3366   GCUUACAC CUGANGAG GCCGULAGOC COAA TACCACUU   18674   10593   AACAAAGC   4 UGUAAGCC   3367   GGCUUACA CUGANGAG GCCGULAGOC COAA TACCACUU   18674   10512   AUGUAAGC   CUGANGAC   3366   GUCUACAC CUGANGAG GCCGULAGOC COAA TACCACUU   18674   10512   AUGUAAGC   CUCAGAAC   3366   GUCUACAC CUGANGAG GCCGULAGOC COAA TACCACUU   18675   10512   AUGUAAGC   CUCAGAACC   3377   CCGGUCAC CUGANGAG GCCGULAGOC COAA TACCACUU   18676   10512   AUGUAAGC   CUCAGAACC   3377   CCGGUCAC CUGANGAG GCCGULAGOC COAA TGCGULACA   18678   10512   AUGUAACCC   CAGAAACC   3377   CCGGUCAC CUGANGAG GCCGULAGOC COAA TGCGULACA   18678   10512   AUGUAACCC   CAGAAACCG   3377   CCGGUCAC CUGANGAG   CCCGULAGOC COAA TGCGULACA   18678   10512   AUGUAACCC   CAGAACCG   3377   CCGGUCAC CUGANGAG   CCCGULAGOC COAA TGCGULACA   18679   10512   CUCAGAACC   CAGAACCG   CAGAACCG CUGAACCG   CAGAACCG   CAGAA			<del></del>		<del></del>
1955    CUCANCOC C   AGGAGGAC   3361   GUICUICCU CUTANUSAG   COSQUIMAGE   COBA TGGUIGA   18659   10569   UCANCOC   AGGAGGAC   3362   AGUCCUC CUTANUSAG   GCCGUIMAGE   COBA TGGUIGA   18671   10589   AGGAGGAC   AGGAGGAC   3363   GUIUCACC CUTANUSAG   GCCGUIMAGE   COBA TUCCUCCU   18671   10592   AGCARAGC   COGAGGAGG   COGAGGAGG   COGAGGAGG   COGAGGAGG   COGA TUCCUCCU   18671   10592   AGCARAGC   COGAGGAGG   COGAGGAGGAC   COCAGGGAGG   COGAGGAGG   COGAGGAGGA   COCAGGGAGG   COGAGGAGGAC   COCAGGGAGG   COGAGGAGGAC   COCAGGGAGGAC   COCAGGGAGGACC   COCAGGGAGGAC   COCAGGGAGGAC   COCAGGGAGGAC   COCAGGGAGGAC   COCAGGGAGGAC   COCAGGGAGGAC   C			<del></del>		<del></del>
1955    VARACCCC A GARGACU   3362   AGUCCUC CUANUAG   GCOGULAGOC CANA TAGGRUGA   18670   19571   19586   GGRUGARA C AGGCGGC   3365   GUCCACCC CUGANUAG   GCOGULAGOC CANA TUCCACCC   18671   19591   AACARAGC C GUGANUAGC   3365   CACUUGGC UGANUAGG   GCOGULAGOC CANA TUCCACCC   18671   19591   AACARAGC C GUGANUAGC   3366   GCUUCACU CUGANUAGG   GCOGULAGOC CANA TUCCACCU   18671   18691   AACARAGC C GUGANUAGC   3366   GCUUCACU CUGANUAGG   GCOGULAGOC CANA TUCCACCU   18671   18691			<del></del>		
10575	<u> </u>	<del></del>	<del></del>		+
105591   AACARARC C GEGRAGUE   3365   CACCUIGGE CUBARIGING GEGRUIAGGE CORA TUTCLECCE   18672   18591   AACARARC C GEGRAGUE   3365   CACUUGGE CUBARIGING GEGRUIAGGE CORA TUTCLECCE   18672   18693   AACUUGAU C AUGUARGE   3366   GCUURCAU CUBARIGING GEGRUIAGGE CORA TUTCLECUTU   18674   18694   18	$\vdash$				+
10691			<del></del>		+
10694   ARGUGANC C AUGUARGC   3366   SCUURCAU CUGAUGAG   GCCGUURGGC   CORA TAUCACUU   18675   10612   NUGUARGC C CUCAGRAC   3368   GUUCUGAG   CUGAUGAG   GCCGUURGGC   CORA TAUCACUU   18675   10614   GURARGCC C CUCAGRAC   3369   GUUCUGAG   CUGAUGAG   GCCGUURGGC   CORA TGUURCAU   18676   10614   GURARGCC C CUCAGRACC   3370   GGGUUCG   CUGAUGAG   GCCGUURGGC   CORA TGUURCAU   18677   10614   ARCCCUC A GRACCGU   3371   GROGGUU   CUGAUGAG   GCCGUURGGC   CORA TGUURCAU   18678   10621   CUCAGRAC   GUUCUCGA   3372   CUCAGRAC   CUGAUGAG   GCCGUURGGC   CORA TAGGGUU   18679   10621   CUCAGRAC   GUUCUCGA   3371   GROGGUU   CUGAUGAG   GCCGUURGGC   CORA TAGGGUU   18679   10621   GUCAGRAC   GUUCUCGA   3372   UCCUUCCG   CUGAUGAG   GCCGUURGGC   CORA TAGGGUU   18681   10625   GRACCGUC   GCGARGGA   3373   UCCUUCCG   CUGAUGAG   GCCGUURGGC   CORA TAGGGUU   18681   10638   AGGAGGAC   CUCACRUGU   3375   ACAUGUGU   CUGAUGAG   GCCGUURGGC   CORA TACGGUU   18682   10641   AGGAGCCC   CACUGUUG   3376   CACAUGU   CUGAUGAG   GCCGUURGGC   CORA TACGGUU   18684   10641   AGGACCCC   A CUGUUGA   3378   CUCACRAC   CUGAUGAG   GCCGUURGGC   CORA TGUUCCC   18684   10643   GRACCCCC   A CUGUUGU   3376   CACAUGU   CUGAUGAG   GCCGUURGGC   CORA TGUUCCC   18684   10643   GRACCCCC   A CUGUUGU   3377   CACAUGU   CUGAUGAG   GCCGUURGGC   CORA TGUUCCC   18684   10643   GRACCCCC   A CUGUUGU   3377   CACAUGU   CUGAUGAG   GCCGUURGGC   CORA TGUUCCC   18684   10644   AGGACCCC   A CUGUUGU   3377   CACAUGU   CUGAUGAG   GCCGUURGGC   CORA TUGACAC   18687   10645   CUCARAGCC   A UGUUGAA   3388   UURCACAC   CUGAUGAG   GCCGUURGGC   CORA TUGACAC   18687   10659   GURACCUC   A AGGCCCAA   3380   UURGGCUU   CUGAUGAG   GCCGUURGGC   CORA TUGACAC   18687   10669   CCARAGCC   AUGUCAC   3381   UURCACAC   CUGAUGAG   GCCGUURGGC   CORA TUGACAC   18689   10669   CCARAGCC   AUGUCAC   3388   CUCACACG   CUCACAGG   CCGGUURGGC   CORA TUGACAC   18691   10669   CCARAGCC   AUGUCAC   3385   CUCACACG   CUCACAGG   CCGGUURGGC   CORA TUCACAC   18691   10679   GUUCAGAC   ACGCUACAG   3385   CUCACACG		<del></del>	+		18672
1969    ASUGANICC A UGUANACC   3167   GGCUUACA CUGANIGAG GCCGULAGGC CORA TGAUCACU   18675					18673
10612  AUGUAAGC C CUCAGAAC   3369   GUUCUGA CUGAUGAG GCCGUUAGGC CGAA IGUUTACAL 18676   10614   GUAAGCC C U CAGAACC   3370   CGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC 18678   10621   CUCAGAACC   3371   GACGGUUC CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC 18678   10621   CUCAGAAC C GUCUCGGA   3372   UCCUGAGA C GCGUUAGGG CGAA IGGCUUAC 18678   10621   CUCAGAAC C GUCUCGGA   3373   UCCUUCCC CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC 18678   10638   AGGGGGUC U GGAAGGA   3373   UCCUUCCC CUGAUGAG GCCGUUAGGC CGAA IACGGUUC 18681   10638   AGGAGGAC C CACAUGU   3374   ACAUGUG CUGAUGAG GCCGUUAGGC CGAA ICCCUCCU 18681   10638   AGGAGGAC C CACAUGU   3375   AACAUGUG CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18681   10640   GAGGACC C CACAUGU   3375   AACAUGU CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18681   10641   AGGACCC A CAUGUUG   3377   ACACAUGU CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18681   10641   AGGACCC A CAUGUUG   3377   ACACAUG CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18684   10643   GACCCCAC A UGUUGAA   3378   UUACAACA CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18685   10643   GACCCCAC A UGUUGAA   3379   GGCUUAG CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18686   10653   GUUGAAGC CC AAUGUCA   3380   UUGGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCUCC   18686   10653   GUUGAAGC CC AAUGUCA   3380   UUGGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCUCA   18685   10661   UUCAAAGC C AAUGUCA   3381   UGACAUC CUGAUGAG GCCGUUAGGC CGAA IGCCUCA   18686   10662   UCAAAGC C AAUGUCA   3382   CUGACAUC CUGAUGAG GCCGUUAGGC CGAA IACGUUGA   18691   10662   UCAAAGC C AAUGUCA   3381   UGACAUC CUGAUGAG GCCGUUAGGC CGAA IACGUUGA   18691   10663   CAAAGCCC A AUGUCAGA   3383   UCGACAU CUGAUGAG GCCGUUAGGC CGAA IGCUUGA   18691   10666   UCAAAGC C AAUGUCA   3386   CCGUUGACG CUGAUGAG GCCGUUAGGC CGAA IGCUUGA   18691   10666   10			<del></del>		18674
10613	<del></del>		<del></del>		18675
10614			<del></del>		18676
10516	<del></del>				18677
10621	<b>—</b>	GUAAGCCC U CAGAACCG	3370	CGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUUAC	18678
10625			3371		18679
10638			3372		18680
10639	<u> </u>	GAACCGUC U CGGAAGGA	3373	UCCUUCCG CUGAUGAG GCCGUUAGGC CGAA IACGGUUC	18681
10640		AGGAGGAC C CCACAUGU	3374	ACAUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU	18682
10640	10639	GGAGGACC C CACAUGUU	3375	AACAUGUG CUGAUGAG GCCGUUAGGC CGAA IGUCCUCC	<del></del>
10641   AGGACCCC A CAUGUUGU   3378	10640	GAGGACCC C ACAUGUUG	3376	CAACAUGU CUGAUGAG GCCGUUAGGC CGAA IGGUCCUC	18684
10653   GACCCCAC A UGUIGUAA   3378   UUACAACA CUGAUGAG GCCGUUAGGC CGAA IUGGGGUC   18686   10655   GUUGUAAC U UCAAAGCC   3379   GGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUUACAAC   16687   10656   GUAACUUC A AAGCCCAA   3380   UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGA   18688   10661   UUCAAAGC C CAAUGUCA   3381   UGACADUG CUGAUGAG GCCGUUAGGC CGAA ICUUUGA   18689   10662   UUCAAAGC C CAAUGUCA   3381   UCGACAUU CUGAUGAG GCCGUUAGGC CGAA ICUUUGA   18699   10663   CAAAGCCC A AUGUCAGA   3383   UCUGACAU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGA   18691   10669   CCAAUGUC A GACCACGC   3384   GCGUGGUC CUGAUGAG GCCGUUAGGC CGAA IACAUUGG   18691   10674   GUCAGAC C ACGCUACGG   3385   CCUACGCG CUGAUGAG GCCGUUAGGC CGAA IACAUUGG   18691   10674   GUCAGAC C ACGCUACGG   3386   CCGUACGGC GUGAUGAG GCCGUUAGGC CGAA IACAUUGG   18694   10678   GACCACGC U ACGCUACGG   3387   CACGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCUCACC   18694   10678   GACCACGC U ACGCUACGG   3387   CACGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCUCACC   18694   10688   CACGCUGG U ACUCUGCG   3388   CCCAGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGUCGC   18696   10691   CAGGUACU C UCAGCGG   3389   CUCCCGCA CUGAUGAG GCCGUUAGGC CGAA ICAGCCG   18696   10691   CAGGUACU C UCAGCGG   3389   CUCCCGCA CUGAUGAG GCCGUUAGGC CGAA ICACCCC   18696   10795   GAGAGUGC A GUCUCCGGA   3389   CUCCCGCA CUGAUGAG GCCGUUAGGC CGAA ICACCCC   18696   10795   GAGAGUGC A GCCAGAGG   3399   CUCCCCGC CUGAUGAG GCCGUUAGGC CGAA ICACCCC   18699   10790   GUCCACCC A GCAGAGG   3391   UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   18699   10790   GUCCACCC A GCAGAGAG   3395   CUCUCCGC CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   18699   10790   GUCCACCC A GCAGAGG   3395   CUCUCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   18699   10790   GUCCACCC A GCAGAGAC   3395   ACUCUCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   18699   10790   GUCCACCC A GCAGAGAC   3395   GUCCCCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCCCC   18700   18701   10791   AGAGCAC A ACCACAC   3395   GUCCCCCC CUGAUGAG GCCGUUAGGC CGAA ICACCUAU   18702   10791   AGAGCAC A ACCACCC   4406   GACCCCCCC CUGAUGAG GCCGUUAGGC	10641	AGGACCCC A CAUGUUGU	3377	ACAACAUG CUGAUGAG GCCGUUAGGC CGAA IGGGUCCU	
10653   GUUGUAAC U UCAAAGCC   3379   GGCUUUGA CUGAUGAG   GCCGUUAGGC   CGAA IUUACAAC   18687   10661   UUCAAAGC C CAAUGUCA   3381   UUGACAUUG CUGAUGAG   GCCGUUAGGC   CGAA ICAGUUGA   18689   10662   UCAAAGCC C AAUGUCA   3381   UGACAUUG CUGAUGAG   GCCGUUAGGC   CGAA ICGUUUGAA   18689   10663   CCAAUGUCA   AUGUCAGA   3382   CUGACAUU CUGAUGAG   GCCGUUAGGC   CGAA ICGUUUGAA   18689   10663   CCAAUGUCA   AUGUCAGA   3383   UCUGACAU   CUGAUGAG   GCCGUUAGGC   CGAA ICGUUUGA   18691   10669   CCAAUGUCA   ACCCACGC   3384   GCGUUAGCC   CUGAUGAG   GCCGUUAGGC   CGAA IACAUUGG   18691   10673   UGUCAGAC   CACCACGC   3385   CCUAGCGU   CUGAUGAG   GCCGUUAGGC   CGAA IACAUUGG   18691   10673   UGUCAGAC   ACGCUACG   3385   CCGUAGCG   CUGAUGAG   GCCGUUAGGC   CGAA IACAUUGG   18691   10674   GUCAGACC   ACGCUACGG   3387   CACGCCGU   CUGAUGAG   GCCGUUAGGC   CGAA IACAUUGG   18694   10678   GACCACGC   ACGCGUGG   3387   CACGCCGU   CUGAUGAG   GCCGUUAGGC   CGAA ICUGGAC   18696   10688   CGGCGUAC   U CUCAGGAG   3389   CUCCGCAG   CUGAUGAG   GCCGUUAGGC   CGAA ICUGGCC   18697   10691   CGUGAUCA   U CUGCGAG   3389   CUCCGCAG   CUGAUGAG   GCCGUUAGGC   CGAA ICUGACC   18697   10705   GAGAGUC   U CUGAGGAG   3390   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACCC   18697   10709   GUGCAGUC   U GCGGAG   3391   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACCUC   18699   10709   GUGCAGUC   U GCGGAG   3391   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACUUC   18699   10709   GUGCAGUC   U GCGGAG   3391   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACUUC   18701   10711   AUAGUGCC   CAGAGGGA   3395   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACUUC   18701   10711   AUAGUGCC   CAGAGGGA   3395   CUCCCGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACUUC   18701   10711   AUAGUGCC   CAGAGGGA   3395   GUCCUCC   CUGAUGAG   GCCGUUAGGC   CGAA IACACUUC   18701   10711   AUAGUGCC   CAGAGGGA   3396   AUCCCCC   CUGAUGAG   GCCGUUAGGC   CGAA IGCACUA   18701   10711   AUAGUGCC   CAGAGGGC   3395   GUCCUCC   CUGAUGAG   GCCGUUAGGC   CGAA IGCACUA   18701   10711   AGGAGGAC   GGGUAGAC   GGGCGUC	10643	GACCCCAC A UGUUGUAA	3378	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IUGGGGUC	
10665	10653	GUUGUAAC U UCAAAGCC	3379	GGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IUUACAAC	<del></del>
10661   IUCAAAGC C CAAUGUCA   3381   UGACAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUGAA   18689   10662   UCAAAGCCC A AUGUCAGA   3382   CUGACAUU CUGAUGAG GCCGUUAGGC CGAA IGCUUUGA   18690   10663   CCAAUGUC A GACCACGC   3384   GCGUGGC CUGAUGAG GCCGUUAGGC CGAA IGCUUUGA   18691   10669   CCAAUGUC A GACCACGC   3384   GCGUGGC CUGAUGAG GCCGUUAGGC CGAA IACAUUGG   18691   10673   UGUCAGAC C ACGCUACGG   3385   CGUAGCGU CUGAUGAG GCCGUUAGGC CGAA IACAUUGG   18691   10674   GUCAGACC A CGCUACGG   3386   CCGUAGCGU CUGAUGAG GCCGUUAGGC CGAA IUCUGACA   18694   10678   GACCACGC U ACGCGGGG   3386   CCGUAGCGU CUGAUGAG GCCGUUAGGC CGAA IUCUGACA   18694   10678   GACCACGC U ACUCUGCG   3387   CACGCCGU CUGAUGAG GCCGUUAGGC CGAA ICCUGGCC   18695   10688   CGGGGUGC U ACUCUGCG   3388   CGCAGAGU CUGAUGAG GCCGUUAGGC CGAA ICCUGGCC   18696   10691   CGUGCACA U CUGGGGAG   3389   CUCUCCGCC CUGAUGAG GCCGUUAGGC CGAA ICACGCCG   18696   10691   CGUGACCC U ACUCUGCG   3389   CUCUCCGCC CUGAUGAG GCCGUUAGGC CGAA ICACGCCG   18697   10693   UGCUACUC U GCGAGAGA   3391   UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACGCCC   18698   10705   GAGAGUC U GCGAUGAG   3391   UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18699   10709   GUGCAGUC U GCGAUGAG   3392   ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18699   10720   GAUAGUGC C CCAGGAGG   3393   CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18699   10720   GAUAGUGC C CCAGGAGG   3393   CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18701   10721   AUAGUGCC C CAGGAGGA   3395   CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18702   10722   UAGUGCCC C AGGAGGA   3395   GUCUCCCU CUGAUGAG GCCGUUAGGC CGAA ICACUCUC   18703   10723   AGUGCCCC A GGAGGAC   3395   GUCUCCCU CUGAUGAG GCCGUUAGGC CGAA IGCACUAU   18703   10724   AGAGGCAC U AGAGCCCC   3406   GUCUCCUC CUGAUGAG GCCGUUAGGC CGAA IGCACUAU   18705   10740   GGGUUAAC   AAGGCCCC   AGGCGGC   3400   GGGGGUU CUGAUGAG GCCGUUAGGC CGAA IGCACUAU   18705   10740   GGGGAGAC   AAGGCCCC   3400   GGGGGCUU CUGAUGAG GCCGUUAGGC CGAA IGCACUAU   18705   10740   GGGGAGAC   AAGGCCCC   3400   GGGGGGUU CUGAUGAG	10656	GUAACUUC A AAGCCCAA	3380		
10662	10661	UUCAAAGC C CAAUGUCA	3381		
10663	10662	UCAAAGCC C AAUGUCAG	3382		
10669	10663	CAAAGCCC A AUGUCAGA	3383		<del> </del>
10673	10669	CCAAUGUC A GACCACGC	3384		
10674   GUCAGACC A CGCUACGG   3386   CCGUAGCG CUGAUGAG   GCCGULAGGC CGAA IGUCUGAC   18694   10678   GACCACGC U ACGCCGUG   3387   CACGCCGU CUGAUGAG   GCCGULAGGC CGAA ICCUGGUC   18695   10688   CGGCGUGC U ACUCUGCG   3388   CGCAGAGU CUGAUGAG   GCCGULAGGC CGAA ICACGCCG   18695   10691   CGUGCUAC U CUGCGGAG   3389   CUCCGCAG CUGAUGAG   GCCGULAGGC CGAA ICACGCCG   18697   10693   UGCUACUC U GCGGAGAG   3390   CUCUCCGC CUGAUGAG   GCCGULAGGC CGAA IAGUACCA   18698   10705   GACAGUGC A GUCUGCGA   3391   UCGCAGAC CUGAUGAG   GCCGULAGGC CGAA IAGUACCA   18699   10709   GUGCAGUC U GCGAUAGU   3391   UCGCAGAC CUGAUGAG   GCCGULAGGC CGAA IACUCCC   18699   10709   GUGCAGUC U GCGAUAGU   3392   ACUAUCGC CUGAUGAG   GCCGULAGGC CGAA IACUGCAC   18700   10720   GAUAGUGC C CAGGAGG   3393   CCUCCUGC CUGAUGAG   GCCGULAGGC CGAA IACUGCAC   18701   10721   AUAGUGCC C CAGGAGGA   3394   UCCUCCUC CUGAUGAG   GCCGULAGGC CGAA IACUGCAC   18701   10722   UAGUGCCC C CAGGAGGA   3395   GUCCUCCU CUGAUGAG   GCCGULAGGC CGAA IACUCCU   18702   10722   UAGUGCCC C AGGAGGAC   3395   GUCCUCCU CUGAUGAG   GCCGULAGGC CGAA IAGGCACUA   18703   10723   AGUGCCC A GGAGGACU   3396   AGUCCUCC CUGAUGAG   GCCGULAGGC CGAA IAGGCACUA   18703   10724   AGGAGGAC U GGGULAAC   3397   GUUAACCC CUGAUGAG   GCCGULAGGC CGAA IUCCUCCU   18705   10740   GGGULAAC A AAGGCCAC   3399   GUUACCCU CUGAUGAG   GCCGULAGGC CGAA IUCCUCCU   18705   10746   ACAAAGGC A AACCAACG   3399   CGUUGGUU CUGAUGAG   GCCGULAGGC CGAA IUCCUCCU   18706   10751   AGGCAAAC A ACGCCCC   3400   GGGGCGUU CUGAUGAG   GCCGULAGGC CGAA IUCUCCU   18706   10752   AGGCAAAC A ACGCCCC   3401   UGGGGGU CUGAUGAG   GCCGULAGGC CGAA IUCUCCU   18708   10753   AGGCAACC C CACGCGG   3402   CCGCUGG   CUGAUGAG   GCCGULAGGC CGAA IUCUCCU   18708   10754   ACCAACGC C CACGCGG   3403   GCCGUGG   GUGAUGAG   GCCGULAGGC CGAA ICCUUGGU   18710   10755   ACCCACGC C CACGCGC   3404   GGCGCGU   CUGAUGAG   GCCGULAGGC CGAA ICGUUGGU   18710   10756   ACCAACGC C CACGCGCC   3405   GGCGCGC   CUGAUGAG   GCCGULAGGC CGAA ICGCCGG   18711   10757   ACGCCCC C AGGCGCC	10673	UGUCAGAC C ACGCUACG	3385		
10678         GACCACGC U ACGGCGUG         3387         CACGCCGU CUGAUGAG         GCCGUUAGGC         CGA I CGUGGC         18695           10688         CGGCGUGC U ACUCUGGG         3388         CGCAGAGU CUGAUGAG         GCGUUAGGC         CGA I LACGCCG         18696           10691         CGUGCUAC U CUGCGGAG         3389         CUCCCGCA         CUGAUGAG         GCCGUUAGGC         CGA I LACGCCG         18697           10693         UGCUACUC U GCGAGAG         3390         CUCUCCGC         CUGAUGAG         GCCGUUAGGC         CGAA IACUCUC         18698           10705         GAGAGUGC A GUCUGCA         3391         UCGCAGAC CUGAUGAG         GCCGUUAGGC         CGAA IACUCUC         18699           10709         GUGCAGUC U GCGAUAGU         3392         ACUAUCGC CUGAUGAG         GCCGUUAGGC         CGAA IACUCUC         18700           10721         AUAGUGCC C CAGGAGGA         3393         CUCUCCUC CUGAUGAG         GCCGUUAGGC         CGAA IGCACUA         18701           10722         UAGUGCCC C A GGAGGAC         3395         GUCCUCCU CUGAUGAG         GCCGUUAGGC         CGAA IGCACUA         18703           10723         AGUGCCCC A GGAGGAC         3397         GUUAACC         CUGAUGAG         GCCGUUAGGC         CGAA IUCCUCU         18704           10731 <t< td=""><td>10674</td><td>GUCAGACC A CGCUACGG</td><td>3386</td><td></td><td></td></t<>	10674	GUCAGACC A CGCUACGG	3386		
10688	10678	GACCACGC U ACGGCGUG	3387		
10691	10688	CGGCGUGC U ACUCUGCG	3388		
10693         UGCUACUC U GCGGAGAG         3390         CUCUCCGC CUGAUGAG GCCGUUAGGC CGAA IAGUAGCA         18698           10705         GAGAGUGC A GUCUGCGA         3391         UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA ICACUCUC         18699           10709         GUGCAGUC U GCGAUAGU         3392         ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IACUGUC         18700           10720         GAUAGUGC C CCAGGAGG         3393         CCUCCUGG CUGAUGAG GCCGUUAGGC CGAA IACUGUC         18701           10721         AUAGUGCC C AGGAGGA         3394         UCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA         18702           10722         UAGUGCCC C AGGAGGAC         3395         GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA         18703           10723         AGUGCCCC A GGAGGAC         3396         AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGCACUA         18703           10731         AGGAGGAC U GGGUUAAC         3397         GUUAACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU         18705           10740         GGGUUAAC A AAGGCAC         3399         CGUUGGUU CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU         18705           10750         AGGAAAC C AACGCCCC         3400         GGGGGGUU CUGAUGAG GCCGUUAGGC CGAA IUUACCC         18708           10751         GGCAAACC A ACGCCCCA         3401         UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA ICGUUGGU         18708           10756 </td <td>10691</td> <td>CGUGCUAC U CUGCGGAG</td> <td>3389</td> <td></td> <td></td>	10691	CGUGCUAC U CUGCGGAG	3389		
10705         GAGAGUGC         A GUCUGCGA         3391         UCGCAGAC         CUGAUGGG         GCGUUAGGC         CGAA         ICACUCUC         18699           10709         GUGCAGUC         U GCGAUAGU         3392         ACUAUCGC         CUGAUGAG         CCGUUAGGC         CGAA         IACUGCAC         18700           10720         GALAGUGC         C CCAGGAGGA         3393         CCUCCUG         CUGAUGAG         GCCGUUAGGC         CGAA         ICACUAUC         18701           10721         AUAGUGCC         C CAGGAGGAC         3394         UCCUCCUC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGACUA         18702           10722         UAGUGCCC         C AGGAGGAC         3395         AGUCCUCC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGACUA         18703           10723         AGUGCCCC         A GAGGACU         3396         AGUCCUCC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGCACUA         18704           10731         AGGAGGAC         U GGGUUAAC         3397         GUUAACCC         CUGAUGAG         GCCGUUAGGC         CGAA         IUCACCUU         18705           10740         GGGUAACC         A ACCAACG         3399         CGIUGGUU         CUGAUGAG	10693	UGCUACUC U GCGGAGAG	3390		
10709         GUGCAGUC Ü GCGAUAGU         3392         ACUAUCGC CUGAUGAG         GCCGUUAGGC         CGAA IACUGCAC         18700           10720         GAUAGUGC C CCAGGAGG         3393         CCUCCUGG CUGAUGAG         GCCGUUAGGC         CGAA ICACUAUC         18701           10721         AUAGUGCC C CAGGAGGA         3394         UCCUCCU CUGAUGAG         GCCGUUAGGC         CGAA IGCACUAU         18702           10722         UAGUGCCC C AGGAGGAC         3395         GUCCUCCU CUGAUGAG         GCCGUUAGGC         CGAA IGGCACUA         18703           10723         AGUGCCCC A GGAGGACU         3396         AGUCCUCC CUGAUGAG         GCCGUUAGGC         CGAA IGGCACU         18704           10731         AGGAGGAC U GGGUUAAC         3397         GUUAACCC CUGAUGAG         GCCGUUAGGC         CGAA IUCCUCCU         18705           10740         GGGUUAAC A AAGCAACG         3399         CGIUGGUU CUGAUGAG         GCCGUUAGGC         CGAA IUCUACU         18706           10750         AGGCAAAC C AACGCCCC         3400         GGGGCGUU CUGAUGAG         GCCGUUAGGC         CGAA IUUUGCCU         18709           10751         GGCAAACC A ACGCCCCA         3401         UGGGGGGU CUGAUGAG         GCCGUUAGGC         CGAA IGUUUGCC         18709           10756         ACCAACGC C CACGCGG         3403<	10705	GAGAGUGC A GUCUGCGA	3391		
10720         GAUAGUGC C         CCAGGAGG         3393         CCUCCUGG         CUGAUGAG         GCCGUUAGGC         CGAA         ICACUAUC         18701           10721         AUAGUGCC         C CAGGAGGA         3394         UCCUCCUG         CUGAUGAG         GCCGUUAGGC         CGAA         IGACUAU         18702           10722         UAGUGCCC         C AGGAGGAC         3395         GUCCUCCU         CUGAUGAG         GCCGUUAGGC         CGAA         IGGCACUA         18703           10731         AGGAGGAC         AGGAGGACU         3396         AGUCCUCC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGGACCU         18704           10740         AGGAGGAC         AGGGCAAA         3398         UUUGCCUU         CUGAUGAG         CGAA         IUCCUCCU         18705           10746         ACAAAGGC         AAGCCAACA         3399         CGIUGGUU         CUGAUGAG         CCGAA         IUUACCU         18706           10750         AGGCAAAC         AACGCCCC         3400         GGGGGGUU         CUGAUGAG         CCGAA         IUUUGCCU         18707           10751         GGCAAACC         ACGCCCCA         3401         UGGGGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         ICGUUGGU         18709	10709	GUGCAGUC U GCGAUAGU	3392		
10721 AUAGUGCC C CAGGAGGA 3394 UCCUCCUG CUGAUGAG GCCGUUAGGC CGAA IGCACUAU 18702 10722 UAGUGCCC C AGGAGGAC 3395 GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA 18703 10723 AGUGCCCC A GGAGGACU 3396 AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGCACUA 18704 10731 AGGAGGAC U GGGUUAAC 3397 GUUAACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU 18705 10740 GGGUUAAC A AAGGCAAA 3398 UUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU 18706 10746 ACAAAGGC A AACCAACG 3399 CGUUGGUU CUGAUGAG GCCGUUAGGC CGAA IUUAACCC 18706 10750 AGGCAAAC C AACGCCCC 3400 GGGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCU 18708 10751 GGCAAACC A ACGCCCC 3401 UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCU 18708 10756 ACCAACGC C CACGCGGG 3402 CCGCGUG CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC 18709 10757 CCAACGCC C CACGCGGC 3403 GCCGGUG CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC 18710 10758 CAACGCCC C ACGCGGC 3403 GCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG 18711 10759 AACGCCCC A CGCGGCC 3404 GGCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG 18712 10759 AACGCCCC A CGCGGCC 3405 GGGCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG 18712 10759 AACGCCCC A CGCGGCC 3405 GGGCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG 18712 10766 CACGCGGC C CUAGCCCC 3406 GGGCCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG 18712 10767 ACGCCCC A CGCGGCC 3406 GGGCCCGCG CUGAUGAG GCCGUUAGGC CGAA IGGCGUUG 18714 10768 CGCGGGCC C UAGCCCC 3406 GGGCCCGC CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18715 10768 CGCGGCC U AGCCCCG 3408 CCGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18716 10772 GCCCUAGC C CGGUAAU 3409 AUUACCG CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18716 10773 CCCUAGCC C CGGUAAUG 3411 CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGCCAGGG 18716 10774 CCUAGCCC C GGUAAUG 3411 CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18719 10790 GUGUUAAC C AGGGCGAA 3412 UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18719	10720	GAUAGUGC C CCAGGAGG			
10722 UAGUGCCC C AGGAGGAC 3395 GUCCUCCU CUGAUGAG GCCGUUAGGC CGAA IGGCACUA 18703 10723 AGUGCCCC A GGAGGACU 3396 AGUCCUCC CUGAUGAG GCCGUUAGGC CGAA IGGCACUA 18704 10731 AGGAGGAC U GGGUUAAC 3397 GUUAACCC CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU 18705 10740 GGGUUAAC A AAGGCAAA 3398 UUUGCCUU CUGAUGAG GCCGUUAGGC CGAA IUCCUCCU 18705 10746 ACAAAGGC A AACCAACG 3399 CGUUGGUU CUGAUGAG GCCGUUAGGC CGAA IUUAACCC 18706 10750 AGGCAAAC C AACGCCCC 3400 GGGGCGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCUU 18707 10751 GGCAAACC A ACGCCCC 3401 UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA IUUUGCCU 18708 10751 GGCAAACC A ACGCCCCA 3401 UGGGGCGU CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC 18709 10756 ACCAACGC C CCACGCGG 3402 CCGCGUGG CUGAUGAG GCCGUUAGGC CGAA IGUUUGCC 18709 10757 CCAACGCC C CACGCGGC 3403 GCCGCGUG CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG 18711 10758 CAACGCCC C ACGCGGC 3404 GGCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGCGUUGG 18712 10759 AACGCCCC A CGCGGCC 3404 GGCCGCGU CUGAUGAG GCCGUUAGGC CGAA IGCGUUG 18712 10759 AACGCCCC A CGCGGCC 3405 GGGCCGG CUGAUGAG GCCGUUAGGC CGAA IGCGGUUG 18712 10766 CACGCGGC C CUAGCCCC 3406 GGGGCCGG CUGAUGAG GCCGUUAGGC CGAA IGGCGUU 18713 10766 CACGCGGC C UAGCCCC 3406 GGGGCCGG CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18714 10767 ACGCGGCC C UAGCCCC 3408 CCGGGGCUA CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18715 10768 CGCGGCCC UAGCCCC 3408 CCGGGGCUA CUGAUGAG GCCGUUAGGC CGAA IGCCGCGU 18716 10772 GCCCUAGC C CCGGUAAU 3409 AUUACCGG CUGAUGAG GCCGUUAGGC CGAA IGCCGCG 18716 10773 CCCUAGCC C CGGUAAUG 3410 CAUUACCG CUGAUGAG GCCGUUAGGC CGAA IGCCAGCG 18717 10774 CCUAGCC C GGUAAUG 3411 CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18719 10790 GUGUUAAC C AGGGCGAA 3412 UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18719	10721	AUAGUGCC C CAGGAGGA			
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10768 CGCGGCCC U AGCCCCGG 3408 CCGGGGCU CUGAUGAG GCCGUUAGGC CGAA IGGCCGCG 18716 10772 GCCCUAGC C CCGGUAAU 3409 AUUACCGG CUGAUGAG GCCGUUAGGC CGAA ICUAGGGC 18717 10773 CCCUAGCC C CGGUAAUG 3410 CAUUACCG CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18718 10774 CCUAGCCC C GGUAAUGG 3411 CCAUUACC CUGAUGAG GCCGUUAGGC CGAA IGCUAGGG 18719 10790 GUGUUAAC C AGGGCGAA 3412 UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUAACAC 18720					
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10790 GUGUUAAC C AGGGCGAA 3412 UUCGCCCU CUGAUGAG GCCGUUAGGC CGAA IUUAACAC 18720					18718
10/20					18719
UUUCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUAACA 18721					18720
	10/31	OGOUMACC A GGGCGAAA	3413	UUUCGCCC CUGAUGAG GCCGUUAGGC CGAA IGUUAACA	18721

Table IV

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10804	GAAAGGAC U AGAGGUUA	3414	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUUC	18722
10821	GAGGAGAC C CCGCGGUU	3415	AACCGCGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCUC	18723
10822	AGGAGACC C CGCGGUUU	3416	AAACCGCG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCU	18724
10823	GGAGACCC C GCGGUUUA	3417	UAAACCGC CUGAUGAG GCCGUUAGGC CGAA IGGUCUCC	18725
10838	UAAAGUGC A CGGCCCAG	3418	CUGGGCCG CUGAUGAG GCCGUUAGGC CGAA ICACUUUA	18726
10843	UGCACGGC C CAGCCUGA	3419	UCAGGCUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGCA	18727
10844	GCACGGCC C AGCCUGAC	3420	GUCAGGCU CUGAUGAG GCCGUUAGGC CGAA IGCCGUGC	18728
10845	CACGGCCC A GCCUGACU	3421	AGUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	18729
10848	GGCCCAGC C UGACUGAA	3422	UUCAGUCA CUGAUGAG GCCGUUAGGC CGAA ICUGGGCC	18730
10849	GCCCAGCC U GACUGAAG	3423	CUUCAGUC CUGAUGAG GCCGUUAGGC CGAA IGCUGGGC	18731
10853	AGCCUGAC U GAAGCUGU	3424	ACAGCUUC CUGAUGAG GCCGUUAGGC CGAA IUCAGGCU	18732
10859	ACUGAAGC U GUAGGUCA	3425	UGACCUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAGU	18733
10867	UGUAGGUC A GGGGAAGG	3426	CCUUCCCC CUGAUGAG GCCGUUAGGC CGAA IACCUACA	18734
10878	GGAAGGAC U AGAGGUUA	3427	UAACCUCU CUGAUGAG GCCGUUAGGC CGAA IUCCUUCC	18735
10895	GUGGAGAC C CCGUGCCA	3428	UGGCACGG CUGAUGAG GCCGUUAGGC CGAA IUCUCCAC	18736
10896	UGGAGACC C CGUGCCAC	3429	GUGGCACG CUGAUGAG GCCGUUAGGC CGAA IGUCUCCA	18737
10897	GGAGACCC C GUGCCACA	3430		18738
10902	CCCCGUGC C ACAAAACA	3431	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA ICACGGGG	18739
10903	CCCGUGCC A CAAAACAC	3432	GUGUUUUG CUGAUGAG GCCGUUAGGC CGAA IGCACGGG	18740
10905	CGUGCCAC A AAACACCA	3433	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IUGGCACG	18741
10910	CACAAAAC A CCACAACA	3434	UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA IUUUUGUG	18742
10912	CAAAACAC C ACAACAAA	3435	UUUGUUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUUG	18743
10913	AAAACACC A CAACAAAA	3436	UUUUGUUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	18744
10915	AACACCAC A ACAAAACA	3437	UGUUUUGU CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	18745
10918	ACCACAAC A AAACAGCA	3438	UGCUGUUU CUGAUGAG GCCGUUAGGC CGAA IUUGUGGU	18746
10923	AACAAAAC A GCAUAUUG	3439	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA IUUUUGUU	18747
10926	AAAACAGC A UAUUGACA	3440	UGUCAAUA CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	18748
10934	AUAUUGAC A CCUGGGAU	3441	AUCCCAGG CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU	18749
10936	AUUGACAC C UGGGAUAG	3442	CUAUCCCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAAU	18750
10937	UUGACACC U GGGAUAGA	3443	UCUAUCCC CUGAUGAG GCCGUUAGGC CGAA IGUGUCAA	18751
10947	GGAUAGAC U AGGAGAUC	3444	GAUCUCCU CUGAUGAG GCCGUUAGGC CGAA IUCUAUCC	18752
10956	AGGAGAUC U UCUGCUCU	3445	AGAGCAGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCCU	18753
10959	AGAUCUUC U GCUCUGCA	3446	UGCAGAGC CUGAUGAG GCCGUUAGGC CGAA IAAGAUCU	18754
10962	UCUUCUGC U CUGCACAA	3447	UUGUGCAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA	18755
10964	UUCUGCUC U GCACAACC	3448	GGUUGUGC CUGAUGAG GCCGUUAGGC CGAA IAGCAGAA	18756
10967	UGCUCUGC A CAACCAGC	3449	GCUGGUUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGCA	18757
10969	CUCUGCAC A ACCAGCCA	3450	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCAGAG	18758
10972	UGCACAAC C AGCCACAC	3451	GUGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUUGUGCA	18759
10973	GCACAACC A GCCACACG	3452	CGUGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUUGUGC	18760
10976	CAACCAGC C ACACGGCA	3453	UGCCGUGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUUG	18761
10977	AACCAGCC A CACGGCAC	3454	GUGCCGUG CUGAUGAG GCCGUUAGGC CGAA IGCUGGUU	18762
10979	CCAGCCAC A CGGCACAG	3455	CUGUGCCG CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	18763
10984	CACACGGC A CAGUGCGC	3456	GCGCACUG CUGAUGAG GCCGUUAGGC CGAA ICCGUGUG	18764
10986	CACGGCAC A GUGCGCCG	3457	CGGCGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCCGUG	18765
10993	CAGUGCGC C GACAAUGG	3458	CCAUUGUC CUGAUGAG GCCGUUAGGC CGAA ICGCACUG	18766
10997	GCGCCGAC A AUGGUGGC	3459	GCCACCAU CUGAUGAG GCCGUUAGGC CGAA IUCGGCGC	18767
11006	AUGGUGGC U GGUGGUGC	3460	GCACCACC CUGAUGAG GCCGUUAGGC CGAA ICCACCAU	18768
11021	GCGAGAAC A. CAGGAUCU	3461	AGAUCCUG CUGAUGAG GCCGUUAGGC CGAA IUUCUCGC	18769

Input Sequence = AF196835. Cut Site = CH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other stem II)

AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table V: WNV Zinzyme and Target Sequence

Rz Seq	10770	10777	10777	18773	18774	18775	18776	18777	18778	18779	18780	18781	18782	18783	18784	18785	18786	18787	18788	18789	18790	18791	18792	18793	18794	18795	18796	18797	18798	18799	18800	18801	18802	18803	
К1ьояуще	CACACAGG GCCGAAAGGCGAGIIGAGGIICTI GAACTIACTI	AGCUCACA GCCGAAAGGCGAGTIGAGGTICT AGGCGAAG	UCAGCUCA GCCGAAAGGCGAGIIGAAGGICTI ACAGGCGA	UUUGUCAG GCCGAAAGGCGAGUGAAGGUCII IICACACAC		CACAAACA GCCGAAAGGCGAGUGAGGUCU UACUAAGU	CUCACAAA GCCGAAAAGGCGAGUGAGGUCU ACUACUAA	AAUCCUCA GCCGAAAGGCGAGUGAGGUCU AAACACUA	AGCUCGCA GCCGAAAGGCGAGUGAGGUCU UGUGUUAA	ACAGCUCG GCCGAAAGGCGAGUGAGGUCU ACUGUGUU	AGAAACAG GCCGAAAGGCGAGUGU UCGCACUG	CUAAGAAA GCCGAAGGCGAGUGAGGUCU AGCUCGCA	UCUUCGUG GCCGAAAGGCGAGUGAGGUCU UAAGAAAC	UUCUUAGA GCCGAAAGGCGAGUGAGUCU AUCGAGAU	UUGCCGGG GCCGAAAGGCGAGUGAGGUCU CCUCCUGG	GGCUCUUG GCCGAAAGGCGAGUGAGGUCU CGGGCCCCU	CAGCCCGG GCCGAAAGGCGAGUGAGGUCU UCUUGCCG	AUUGACAG GCCGAAAGGCGAGUGAGGUCU CCGGCUCU	CAUAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCCGGC	CGUUUUAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU GUUUUAGC	ACGCGGGG GCCGAAAGGCGAGUGAGGUCU AUUCCGCG	ACAACACG GCCGAAAGGCGAGUGAGGUCU GGGGCAUU	GGACAACA GCCGAAAGGCGAGUGAGGUCU GCGGGGCA		AUCAAGGA GCCGAAAGGCGAGUGAGGUCU AACACGCG	CAACAUAG GCCGAAAGGCGAGUGAGGUCU CCUCUUCA	AGGCUCAA GCCGAAAGGCGAGUGAGGUCU AUAGCCCU	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU UCAACAUA	GCCCCUUG GCCGAAAGGCGAGUGAGGUCU CGUCGAUC	CGUAUUGG GCCGAAAGGCGAGUGAGGUCU CCCUUGCC	AGCCAACA GCCGAAAGGCGAGUGAGGUCU AAAUCGUA	AGAGCCAA GCCGAAAGGCGAGUGAGGUCU ACAAAUCG	CAAGAGAG GCCGAAAGGCGAGUGAGGUCU CAACACAA	こうこう こうしょう こうしょう こうしゅう こうしゅん とうしつ こうしん ようにんじ
Seg ID	3462	3463	3464	3465	3466	3467	3468	3469	3470	3471	3472	3473	3474	3475	3476	3477	3478	3479	3480	.3481	3482	3483	3484	3485	3486	3487	3488	3489	3490	3491	3492	3493	3494	3495	3406
Substrate	AGUAGUUC G CCUGUGUG	GUUCGCCU G UGUGAGCU	UCGCCUGU G UGAGCUGA	CUGUGUGA G CUGACAAA	CAAACUUA G UAGUGUUU	ACUUAGUA G UGUUUGUG	UVAGUAGU G UUUGUGAG	UAGUGUUU G UGAGGAUU	UVAACACA G UGCGAGCU	AACACAGU G CGAGCUGU	CAGUGCGA G CUGUUUCU	UGCGAGCU G UUUCUUAG	GUUUCUUA G CACGAAGA	ø	O	AGGGCCCG G CAAGAGCC	CGGCAAGA G CCGGGCUG			ט	GCUAAAAC G CGGAAUGC	0	AAUGCCCC G CGUGUUGU	UGCCCCGC G UGUUGUCC	CCCCGCGU G UUGUCCUU	CGCGUGUU G UCCUUGAU	UGAAGAGG G CUAUGUUG	AGGCUAU G UUGAGCCU	<u>ا</u> ق	ق	GGCAAGGG G CCAAUACG	UACGAUUU G UGUUGGCU			
Ров	o	13	15	13	32	35	37	41	99	89	72	75	83	66	11,7	122	128	133	136	144	152	159	164	166	168	17.1	565	200	502	642	777	223	237	747	720

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261	UUCUUCAG G UUCACAGC	3498	GCUGUGAA GCCGAAAGGCGAGUGAGGUCU CUGAAGAA	18806
268	GGUUCACA G CAAUUGCU	3499	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UGUGAACC	18807
274	CAGCAAUU G CUCCGACC	3500	GGUCGGAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUG	18808
286	CGACCCGA G CAGUGCUG	3501	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCGGGUCG	18809
289	CCCGAGCA G UGCUGGAU	3502	AUCCAGCA GCCGAAAGGCGAGUGAGGUCU UGCUCGGG	18810
291		3503	CGAUCCAG GCCGAAAGGCGAGUGAGGUCU ACUGCUCG	18811
308	AUGGAGAG G UGUGAACA	3504	UGUUCACA GCCGAAAGGCGAGUGAGGUCU CUCUCCAU	18812
310	GGAGAGGU G UGAACAAA	3505	UNIGUUCA GCCGAAAGGCGAGUGAGGUCU ACCUCUCC	18813
325		3506	UUUCAUCG GCCGAAAGGCGAGUGAGGUCU UGUUUGUU	18814
344	O	3507	UCUUAAAA GCCGAAAGGCGAGUGAGGUCU UCAGAAGG	18815
374	ø	3508	UGAUAGCA GCCGAAAGGCGAGUGAGGUCU UGGUCAAG	18816
376	O	3509	AUJGAUAG GCCGAAAGGCGAGUGAGGUCU ACUGGUCA	18817
387	O	3510	GAGCUCCG GCCGAAAGGCGAGUGAGGUCU CGAUUGAU	18818
392	ט	3511	GUUUUGAG GCCGAAAGGCGAGUGAGGUCU UCCGCCGA	18819
430		3512	CAUGACUG GCCGAAAGGCGAGUGAGGUCU AAUUCCGG	18820
433	ט	3513	AAUCAUGA GCCGAAAGGCGAGUGAGGUCU UGCAAUUC	18821
443	O	3514	CGAUCAGG GCCGAAAGGCGAGUGAGGUCU CAAUCAUG	18822
451		3515	UACGCUGA GCCGAAAGGCGAGUGAGGUCU GAUCAGGC	18823
455		3516	CUCCUACG GCCGAAAGGCGAGGGGCCU UGGCGAUC	18824
457	ס	3517	UGCUCCUA GCCGAAAGGCGAGUGAGGUCU GCUGGCGA	18825
463	O	3518	GGUAACUG GCCGAAAGGCGAGUGAGGUCU UCCUACGC	18826
466	ø	3519	GAGGGUAA GCCGAAAGGCGAGUGAGGUCU UGCUCCUA	18827
493		3520		18828
202	ø	3521	AGCAUUUA GCCGAAAGGCGAGUGAGGUCU CGUCAUCA	18829
511	CGGUAAAU G CUACUGAC	3522	GUCAGUAG GCCGAAAGGCGAGUGAGGUCU AUUUACCG	18830
520	CUACUGAC G UCACAGAU	3523	AUCUGUGA GCCGAAAGGCGAGUGAGGUCU GUCAGUAG	18831
529	ט	3524	CGUGAUGA GCCGAAAGGCGAGUGAGGUCU AUCUGUGA	18832
547	ပ	3525	UCCAGCAG GCCGAAAGGCGAGUGAGGUCU UGUUGGAA	18833
550	ס	3526	CUUUCCAG GCCGAAAGGCGAGUGAGGUCU AGCUGUUG	18834
999	GAACCUAU G CAUUGUCA	3527	UGACAAUG GCCGAAAGGCGAGUGAGGUCU AUAGGUUC	18835
571		3528		18836
577	UNGUCAGA G CAAUGGAU	3529	AUCCAUUG GCCGAAAGGCGAGUGAGGUCU UCUGACAA	18837
586		3530		18838
597	ø	3531		18839
599	0	3532	UAUCAUCG GCCGAAAGGCGAGUGAGGUCU ACAUGUAU	18840
623	UVAUGAAU G CCCAGUGC	3533		18841
628	AAUGCCCA G UGCUGUCG	3534	CGACAGCA GCCGAAAGGCGAGUGAGGUCU UGGGCAUU	18842
630		3535	GCCGACAG GCCGAAAGGCGAGUGAGGUCU ACUGGGCA	18843
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GCCGAAAGGCGAGUGAGGUCU AGCACUGG	18844
637	UGCUGUCG G CUGGUAAU	3537	AUUACCAG GCCGAAAGGCGAGUGUCU CGACAGCA	18845

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	GUCGGCTIG G HAATICALIC	3530		
	G Integraces	3538	GAUCAUUA GCCGAAAGGCGAGUGAGGUCU CAGCCGAC	18846
	G UGCACAAA	3540	UNICHECAA GCCGAAAGGCGAGGGCCU AGUCGAUG	18847
	G CACAAAGU	3541	GCCGAAAGGCGAGUGAGGUCU	18848
	G UCAGCAGU	3542		18849
	G CAGUCUAC	3543	GCCGAAAGGCGAGUGAGGUCU	18850
AGUCAGCA	G UCUACGUC	3544	GACGUAGA GCCGAAAGGCGAAGTTTAAGTTTTT 1157711	18851
UCUAC	CAGUCUAC G UCAGGUAU	3545		18852
GUCAG	UACGUCAG G UAUGGAAG	3546		18853
	G CACCAAGA	3547	GCCGAAAGGCGAGIIGAGCIICII	1001
	G CCACUCAA	3548	GCCGAAAGGCGAGIIGAGGIICII	1005
	G CAGUCGGA	3549		10050
AAGACGCA	g UCGGAGGU	3550		18858
CGGAG	AGUCGGAG G UCACUGAC	3551	GUCAGUGA GCCGAAAGGCGAGGUCA CUCCGACU	18859
CACOGACA	CACUGACA G UGCAGACA	3552	UGUCUGCA GCCGAAAGGCGAGUGAGGUCU UGUCAGUG	18860
OST TO THE OF THE OF	G CAGACACA	3553	UGUGUCUG GCCGAAAGGCGAGUGAGGUCU ACUGUCAG	18861
	CACOCOMO	3554	CUAGAGUG GCCGAAAGGCGAGUGAGGUCU UUUCUCCG	18862
		3555	CUUGUUCG GCCGAAAGGCGAGUGAGGUCU UAGAGUGC	18863
		3557	CAUCLANG GCCGAAAGGCGAGUGAGGUCU CCCCUUCU	18864
	G CCACAAGG	355R	CCOUGGO GCCGAAAGGCGAGGGCCU UGUCCAUC	18865
		3559	ACCESSATE COCCESSACCEAGUEACOUR CUUGGUEC	18866
	G UAAAAACA	3560	HOUTHING GOODS SOCIAL CONTRACTOR	18867
CUGGAUAU	G CCCUGGUG	3561	CACCAGGG GCCGAAAGGCCGAGGGCCC CAAAUACC	18868
AUGCCCUG (	G UGGCAGCC	3562	GGCUGCCA GCCAAAACCCCAATTCAACTCATTCAACTCATTCAAC	18869
	G CAGCCGUC	3563	GCCGAAAGGCGAGIIGAAGGUCU	18870
UGGUGGCA	G CCGUCAUU	3564	AAIIGACGG COCONNACCOCONGUEGOCO CACCAGGG	18871
	g ucanuggu	3565	ACCAAUGA GOOGBARGOORGIOS OCTIVITA OCCAAUGA	18872
CGUCAUUG	G UUGGAUGC	3566		18873
	G CUUGGGAG	3567	ATTOORNOO	100/4
	G CAACACCA	3568	GCCGAAAGGCGAATIOA GOTTOTT TICOCA A CO	18875
	G CAGAGAGU	3569	GCCGAAAGGCCGAGTGAAGTCTT ATCCTTATE	18876
	യ സദ്ധവസ	3570	1	18877
AGAGAGUU (	g ugunuguc	3571	1	1.8878
AGAGUUGU	g unuguagu	3572	GCCGA A A GCCCA OTTON COTTON TO THE TOTAL OTTON	18879
	G UCGUGCUA	3573	GCCGA A AGGCGA GIGA COTOTI	18880
	g ugcuauug	3574	GCCGAAAGGCGAGTGAGTIGT GAGAAGA	18881
	G CUAUUGCU	3575	GCCGAAAGGCGAGICACGICITOT ACCACACA	78887
		3576	ANIMOCAN	1000
UGCUUUUG G	UGGCCCCA	3577	+	18884
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958		3579	GCUGUAAG GCCGAAAGGCGAGUGAGGUCU UGGGGCCA	18887
965	O	3580	AGUUGAAG GCCGAAAGGCGAGUGAGGUCU UGUAAGCU	18888
974	CUUCAACU G CCUUGGAA	3581	UUCCAAGG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	18889
986		3582	CUCUGUUG GCCGAAAGGCGAGUGAGGUCU UCAUUCCA	18890
1009		3583	UCCAGACA GCCGAAAGGCGAGUGAGGUCU UCCUUCCA	18891
1011	ø	3584	GCUCCAGA GCCGAAAGGCGAGUGAGGUCU ACUCCUUC	18892
1018	UGUCUGGA G CAACAUGG	3585	CCAUGUUG GCCGAAAGGCGAGUGAGGUCU UCCAGACA	18893
1027		3586	CAAAUCCA GCCGAAAGGCGAGUGAGGUCU CCAUGUUG	18894
1036	UGGAUTUG G UUCUCGAA	3587	UUCGAGAA GCCGAAAGGCGAGUGAGGUCU CAAAUCCA	18895
1046	Ð	3588	AGCUGUCG GCCGAAAGGCGAGUGAGGUCU CUUCGAGA	18896
1052	O	3589	UCACGCAG GCCGAAAGGCGAGUGAGGUCU UGUCGCCU	18897
1055	CGACAGCU G CGUGACUA	3590	UAGUCACG GCCGAAAGGCGAGUGAGGUCU AGCUGUCG	18898
1057	ACAGCUGC G UGACUAUC	3591	GAUAGUCA GCCGAAAGGCGAGUGAGGUCU GCAGCUGU	18899
1068	O	3592	UCCUUAGA GCCGAAAGGCGAGUGAGGUCU AUGAUAGU	18900
1080	O	3593	AUGGUAGG GCCGAAAGGCGAGUGAGGUCU UUGUCCUU	18901
1093	ø	3594	CAUCUUCA GCCGAAAGGCGAGUGAGGUCU AUCGAUGG	18902
1114	Ð	3595	GUUGACCO GCCGAAAGGCGAGGGCUCU CUCCAUAU	18903
1117	UGGAGGCG G UCAACCUG	3596	CAGGUUGA GCCGAAAGGCGAGUGAGGUCU CGCCUCCA	18904
1126	D	3597	GACCUCUG GCCGAAAGGCGAGUGAGGUCU CAGGUUGA	18905
1132	Ø	3598	ACUGCGGA GCCGAAAGGCGAGUGAGGUCU CUCUGCCA	18906
1136	o	3599		18907
1139	စ	3600	AGCAAUAA GCCGAAAGGCGAGUGAGGUCU UGCGGACC	18908
1145	0	3601		18909
1153	២	3602	GACGGUAG GCCGAAAGGCGAGUGAGGUCU CAAAUAGC	18910
1159	미	3603	AUCGCUGA GCCGAAAGGCGAGUGAGGUCU GGUAGCCA	18911
1163	ס	3604	AGAGAUCG GCCGAAAGGCGAGUGAGGUCU UGACGGUA	18912
1180		3605	GCACGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGUGG	18913
1183	o۱	3606		18914
1185	ס	3607	GUCGGGCA GCCGAAAGGCGAGUGAGGUCU GCAGCUUU	18915
1187	ᇰ	3608	UGGUCGGG GCCGAAAGGCGAGUGAGGUCU ACGCAGCU	18916
1204	ø	3609	AUUGUGAG GCCGAAAGGCGAGUGAGGUCU UUCUCCCA	18917
1220	ס	3610	GGUCAGCA GCCGAAAGGCGAGUGAGGUCU GUUUGUCA	18918
1222	ACAAACGU G CUGACCCA	3611	UGGGUCAG GCCGAAAGGCGAGUGAGGUCU ACGUUUGU	18919
1231	cucaccca a cunuiqua	3612	CACAAAAG GCCGAAAGGCGAGUGAGGUCU UGGGUCAG	18920
1237		3613	UCUGCACA GCCGAAAGGCGAGUGAGGUCU AAAAGCUG	18921
1239	ات	3614	UGUCUGCA GCCGAAAGGCGAGUGAGGUCU ACAAAAGC	18922
1241	ס	3615	CUUGUCUG GCCGAAAGGCGAGUGAGGUCU ACACAAAA	18923
1252	ס	3616	GUCCACCA GCCGAAAGGCGAGUGAGGUCU UCCUUGUC	18924
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1265	GGACAGGG G CUGGGGCA	3618	UGCCCCAG GCCGAAAGGCGAGIIGAAGGIICII OCCIGIA	1 8006
1271	GGGCUGGG G CAACGGCU	3619	GCCGAAAGGCGAGUGAGGUCU	18927
1277	GGGCAACG G CUGCGGAU	3620	٠,	18028
1280	CAACGGCU G CGGAUUAU	3621		18020
1292	AUUAUUUG G CAAAGGAA	3622		18930
1301	CAAAGGAA G CAUUGACA	3623	UGUCAAUG GCCGAAAGGCGAGUGAGGUCU UUCCUTUG	18931
1313	O	3624	AUTUGGCG GCCGAAAGGCGAGUGAGGUCU AUGUGUCA	18932
1315	O	3625	AAAUUUGG GCCGAAAGGCGAGUGAGGUCU GCAUGUGU	18933
1324	0	3626	AGAGCAGG GCCGAAAGGCGAGUGAGGUCU AAAUUUGG	18934
1328	ט	3627	UGGUAGAG GCCGAAAGGCGAGGUCU AGGCAAAU	18935
1339	0	3628	UCCUAUUG GCCGAAAGGCGAGUGAGGUCU CUUGGUAG	18936
1374	AAUAUCAA G UACGAAGU	3629	ACUUCGUA GCCGAAAGGCGAGUGAGGUCU UUGAUAUU	18937
1381	AGUACGAA G UGGCCAUU	3630	AAUGGCCA GCCGAAAGGCGAGUGAGGUCU UUCGUACU	18938
1384		3631		18939
1393	0	3632		18940
1411	ڻ ا	3633		18941
1416	O	3634	CCGUGCGA GCCGAAAGGCGAGGUCU UCCACAGU	18942
1419	GUGGAGUC G CACGGAAA	3635	UUUCCGUG GCCGAAAGGCGAGUGAGGUCU GACUCCAC	18943
1441		3636	GGCUCCAA GCCGAAAGGCCAAGUGAGGUCU CUGUGUGG	18944
1447	ט	3637	CUGAGUGG GCCGAAAGGCGAGUGAGGUCU UCCAACCU	18945
1456	O	3638	UCUCCCUG GCCGAAAGGCGAGUGAGGUCU CUGAGUGG	18946
1469	GAGAUUCA G CAUCACUC	3639	GAGUGAUG GCCGAAAGGCGAGUGAGGUCU UGAAUCUC	18947
1480		3640		18948
1483	CUCCUGCG G CGCCUUCA	3641	UGAAGGCG GCCGAAAGGCGAGUGAGGUCU CGCAGGAG	18949
1485	ccuecede e ccuucaua	3642	UAUGAAGG GCCGAAAGGCGAGUGAGGUCU GCCGCAGG	18950
1503	ACACUAAA G CUUGGAGA	3643	UCUCCAAG GCCGAAAGGCGAGGGCCU UUUAGUGU	18951
1522	ס	3644	CACUGUCA GCCGAAAGGCGAGUGAGGUCU CUCUCCAU	18952
1528	0	3645		18953
1235	וס	3646	GUGGUUCA GCCGAAAGGCGAGUGAGGUCU AGUCCACU	18954
1745	0	3647	AUCCCUGA GCCGAAAGGCGAGUGAGGUCU CGUGGUUC	18955
1564	ACACCAAU G CAUACUAC	3648	GUAGUAUG GCCGAAAGGCGAGUGAGGUCU AUUGGUGU	18956
15/3		3649	AGUCAUCA GCCGAAAGGCGAGUGAGGUCU GUAGUAUG	18957
1582	ø	3650	UGUUCCAA GCCGAAAGGCGAGUGAGGUCU AGUCAUCA	18958
1596		3651	ACCAAGAA GCCGAAAGGCGAGUGAGGUCU GUCUUUGU	18959
1603	٥ļ	3652	ACGAUGGA GCCGAAAGGCGAGUGAGGUCU CAAGAACG	18960
1610	GGUCCAUC G UGAGUGGU	3653	ACCACUCA GCCGAAAGGCGAGUGAGGUCU GAUGGACC	18961
1614	CAUCGUGA G UGGUUCAU	3654	AUGAACCA GCCGAAAGGCGAGUGAGGUCU UCACGAUG	18962
1617	O	3655		18963
1643	0	3656	CAGCACUG GCCGAAAGGCGAGUGAGGUCU UCCAAGGG	18964
1646	UUGGAGCA G UGCUGGAA	3657	UUCCAGCA GCCGAAAGGCGAGUGAGGUCU UGCUCCAA	18965

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GGAGCAGU G CUGGAAGU	3658	ACTUCCAG GCCGAAAGGCGAGUGAGGUCU ACUGCUCC	18966
UACUGUGU	3659	ACACAGUA GCCGAAAGGCGAGUGAGGUCU UUCCAGCA	18967
GAAGUACU G UGUGGAGG	3660	CCUCCACA GCCGAAAGGCGAGUGAGGUCU AGUACUUC	18968
авиасиви в ивваваа	1998	UUCCUCCA GCCGAAAGGCGAGUGAGGUCU ACAGUACU	18969
AGAGAGAC G UUAAUGGA	3662		18970
G UUUGAGGA	3663	UCCUCAAA GCCGAAAGGCGAGUGAGGUCU UCCAUUAA	18971
G CCACGAAG	3664	списенее ессельноессянным спечени	18972
g cagucuau	3665	ACAGACUG GCCGAAAGGCGAGUGAGGUCU UUCGUGGC	18973
g ucuduaau	3666		18974
AGCAGUCU G UGAUAGCA	3667	UGCUAUCA GCCGAAAGGCGAGUGAGGUCU AGACUGCU	18975
G CAUUGGGC	3668	GCCCAAUG GCCGAAAGGCGAGUGAGGUCU UAUCACAG	18976
٦	3669	CUUGUGAG GCCGAAAGGCGAGUGAGGUCU CCAAUGCU	18977
	3670	GCCGAAAGGCGAGUGAGGUCU	18978
1	3671	GCCGAAAGGCGAGUGAGGUCU	18979
cuuusacu	3672	AGCCAAAG GCCGAAAGGCGAGUGAGGUCU UUGAUGCA	18980
	3673	GGCUCCAG GCCGAAAGGCGAGUGAGGUCU CAAAGCUU	18981
CCAUUCCU	3674	AGGAAUGG GCCGAAAGGCGAGUGAGGUCU UCCAGCCA	18982
	3675	AAAUUCCA GCCGAAAGGCGAGUGAGGUCU AGGAAUGG	18983
	3676	CAGUGUUG GCCGAAAGGCGAGUGAGGUCU UUGAAAAU	18984
	3677	CAACUUGA GCCGAAAGGCGAGUGAGGUCU AGUGUUGC	18985
	3678	GACGUCAA GCCGAAAGGCGAGUGAGGUCU UUGACAGU	18986
	3679	UGACCCGA GCCGAAAGGCGAGUGAGGUCU GUCAACUU	18987
┪	3680	UCAAAUGA GCCGAAAGGCGAGUGAGGUCU CCGACGUC	18988
1	3681		18989
G UAGAGUGA	3682		18990
G UGAAGAUG	3683	CAUCUUCA GCCGAAAGGCGAGUGAGGUCU UCUACACU	18991
CAGUUGAA	3684	UUCAACUG GCCGAAAGGCGAGUGAGGUCU AAUUUUUC	18992
G UUGAAGGG	3685	CCCUUCAA GCCGAAAGGCGAGUGAGGUCU UGCAAUUU	18993
CGUCUGUU	3686	AACAGACG GCCGAAAGGCGAGUGAGGUCU CAUAGGUU	18994
g ucuguuca	3687	UGAACAGA GCCGAAAGGCGAGUGAGGUCU GCCAUAGG	18995
G UUCAAAGG	3688	CCUUUGAA GCCGAAAGGCGAGUGAGGUCU AGACGCCA	18996
G CUUUCAAG	3689	CUUGAAAG GCCGAAAGGCGAGUGAGGUCU CUUUGAAC	18997
	3690	CCAAGAAA GCCGAAAGGCGAGUGAGGUCU UUGAAAGC	18998
G CAGACACA	3691	UGUGUCUG GCCGAAAGGCGAGUGAGGUCU GGGAGUCC	18999
G UCACGGCA	3692	UGCCGUGA GCCGAAAGGCGAGUGAGGUCU CUGUGUCU	19000
CACUGUGG	3693	CCACAGUG GCCGAAAGGCGAGUGAGGUCU CGUGACCU	19001
ල ගයෙගෙගය	3694	CAACACCA GCCGAAAGGCGAGUGAGGUCU AGUGCCGU	19002
g UGUUGGAA	3692	UUCCAACA GCCGAAAGGCGAGUGAGGUCU CACAGUGC	19003
UUGGAAUU	3696	AAUUCCAA GCCGAAAGGCGAGUGAGGUCU ACCACAGU	19004
UUGGAAUU G CAGUACAC	3697	GUGUACUG GCCGAAAGGCGAGUGAGGUCU AAUUCCAA	19005

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1958	GUACACIA O SIDACACIA	2000		19006
1973	משיים הייים הארכים	3639		19007
1070	5  c	3700	GAACUUUG GCCGAAAGGCGAGUGAGGUCU AAGGUCCA	19008
0/67		3701	GAUAGGAA GCCGAAAGGCGAGUGAGGUCU UUUGCAAG	19009
1787	0	3702	GCCACUGA GCCGAAAGGCGAGUGAGGUCU GAGAUAGG	19010
5667		3703	UGAAGCCA GCCGAAAGGCGAGUGAGGUCU UGACGAGA	19011
1996	0	3704		19012
2016		3705		19013
2020	0	3706	UCUGCCCA GCCGAAAGGCGAGGUCU UGGCGUUA	19014
2024	GCCAGUGG G CAGAUUGG	3707	CCAAUCUG GCCGAAAGGCGAGUGAGGUCU CCACTIGGC	19015
2032	GCAGAUUG G UCACUGUC	3708		1001
2038	UGGUCACU G UCAACCCU	3709		19012
2050	ACCCUUUU G UUUCAGUG	3710	CACUGAAA GCCGAAAGGCGAGUGAGGUCTI AAAAGGGTI	19010
2056	UUGUUUCA G UGGCCACG	3711	GCCGAAAGGCGAGUGAGGUCU	19019
2059	UUUCAGUG G CCACGGCC	3712	GCCGAAAGGCGAGUGAGGUTT	10020
2065	UGGCCACG G CCAACGCU	3713		1,0021
2071	CGGCCAAC G CUAAGGUC	3714		19022
2077	ACGCUAAG G UCCUGAUU	3715	AAUCAGGA GCCGAAAGGCGAGUGAGGUCII CIIIAGCGII	19022
2119	CAUACAUA G UGGUGGC	3716	GCCCACCA GCCGAAAGGCGAGUGAGGUCU HAHGHAHA	19024
2122	ACAUAGUG G UGGGCAGA	3717	UCUGCCCA GCCGAAAGGCGAGUGAGGUCTI CACTAITEIT	19025
2126	ø	3718		19026
2157		3719	GACTUTEUG GCCGAAAGGCGAGUGAGGUCU CAAUGGUG	19027
2163	0	3720	CUUCCAGA GCCGAAAGGCGAGUGAGGUCU UUGUGCCA	19028
2171		3721	CAAUGCUG GCCGAAAGGCGAGUGAGGUCU UUCCAGAC	19029
2174	UGGAAGCA G CAUUGGCA	3722	UGCCAAUG GCCGAAAGGCGAGUGAGGUCU UGCUUCCA	19030
2180	0	3723	AGGCUTUG GCCGAAAGGCGAGUGAGGUCU CAAUGCUG	19031
2185	٥	3724	UGUAAAGG GCCGAAAGGCGAGUGAGGUCU UUUGCCAA	19032
2203	וט	3725	UCUCUGCG GCCGAAAGGCGAGUGAGGUCU UCCUUUGA	19033
2222	9	3726	AGUCUCUG GCCGAAAGGCGAGUGAGGUCU GCUCCUUU	19034
7777	0	3727	UAGAGCGG GCCGAAAGGCGAGUGAGGUCU UAGUCUCU	19035
4777	0	3728	UCCUAGAG GCCGAAAGGCGAGUGAGGUCU GGCUAGUC	19036
2223	0	3729	GUCCCAAG GCCGAAGGCGAGUGAGGUCU UGUGUCUC	19037
/577		3730	CCCUCCAA GCCGAAAGGCGAGUGAGGUCU UGAUCCAA	19038
2266	UVGGAGGG G UGUUCACC	3731	GGUGAACA GCCGAAAGGCGAGUGAGGUCU CCCUCCAA	19039
2268	GGAGGGGU G UUCACCUC	3732	GAGGUGAA GCCGAAAGGCGAGUGAGGUCU ACCCCUCC	19040
8/77	0	3733	CUUCCCAA GCCGAAAGGCGAGUGAGGUCU UGAGGUGA	19041
2287		3734		19042
2290	ט	3735	UUGAUGGA GCCGAAAGGCGAGUGAGGUCU AGCCUUCC	19043
2299	0	3736	UCCGAACA GCCGAAAGGCGAGUGAGGUCU UUGAUGGA	19044
2301	CAUCAAGU G UUCGGAGG	3737	CCUCCGAA GCCGAAAGGCGAGUGAGGUCU ACUUGAUG	19045
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2318	0	3739	ACAGUGAG GCCGAAAGGCGAAGUGAGGCCC OCCOCCGA	19046
2325	CGCUCACU G UUCGGAGG	3740		1304
2333	GUUCGGAG G CAUGUCCU	3741		15048
2337	ט	3742	AITOTAGE ACCOUNT ACCOUNT ATTACAMENT ATTACAME	19049
2349	UGGAUAAC G CAAGGAUU	3743	GCCGA A AGGCGA GITGA GGITGIT	19050
2358	CAAGGAUU G CUGGGGGC	3744		19051
2365	vecueses s cucuccus	3745	GCCasasacccasccasccasccasccasccasccasccas	75057
2373	O	3746	GCGA A AGGCGAGIIGAGGIICI	19053
2376	CUCCUGUU G UGGAUGGG	3747	CCCAUCCA GCCCAAAAGGCCAAGGCTTT AACACAAG	19054
2384	GUGGAUGG G CAUCAAUG	3748	Calification occurrence of the particular occurrence of the particular occurrence occurr	19055
2392	GCAUCAAU G CUCGUGAU	3749	AUCACGAG GCCababaccaaagucaaguri amaanaa	19056
2396	CAAUGCUC G UGAUAGGU	3750	ACCUAUCA GCCGAAAGGCGAGTIGAGGTICT GAGCATTIG	19091
2403	CGUGAUAG G UCCAUAGC	3751	GCCGAAAGGCGAGIIGAGGIICII	19050
2410	GGUCCAUA G CUCUCACG	3752	GCCGAAAGGCGAGIIGAGGIICII	19060
2418	GCUCUCAC G UUUCUCGC	3753	GCGAGAAA GCCGAAAAGGCGAGIIGAGIIGII GIIGAGAAA	13000
2425	CGUUUCUC G CAGUUGGA	3754	UCCAACUG GCCGAAAGGCGAGIIGAGGIICII GAGAAAAC	19061
2428	UUCUCGCA G UUGGAGGA	3755	UCCICCAA GCCGAAACCCCACACTICACTICATICACTICATICACTICATICA	75067
2437	UUGGAGGA G UUCUGCUC	3756	GAGCAGAA GCCGAAAACCCGACGACGACGACTICTI TICCTICCAA	19063
2442	GGAGUUCU G CUCUUCCU	3757		#006T
2455	UCCUCUCC G UGAACGUG	3758	GCCGAAAGGCGAAGIGAGGICTI	19065
2461	CCGUGAAC G UGCACGCU	3759		19067
2463	GUGAACGU G CACGCUGA	3760		19068
2467	ACGUGCAC G CUGACACU	3761	AGUGUCAG GCCGAAAGGCGAGIIGAGGIICII GIIGCACGII	19069
2478	GACACUGO G UGUGCCAU	3762		19070
2480	ש	3763	•	19071
2482	cugggugu g ccauagac	3764	GUCUAUGG GCCGAAAGGCGAGUGAGGUCU ACACCCAG	19072
2495	0	3765	CUUGCCGG GCCGAAAGGCGAGUGAGGUCU UGAUGUCU	19073
2499	0	3766	AGCUCUUG GCCGAAAGGCGAGUGAGGUCU CGGCUGAU	19074
2505	CGGCAAGA G CUGAGAUG	3767	CAUCUCAG GCCGAAAGGCGAGGUCU UCUUGCCG	19075
2513		3768	CACTUCCA GCCGAAAGGCGAGUGAGGUCU AUCUCAGC	19076
2519		3769	ACACUCCA GCCGAAAGGCGAGUGAGGUCU UUCCACAU	19077
2524		3770	UAUGAACA GCCGAAAGGCGAGUGAGGUCU UCCACUUC	19078
2526	AGUGGAGU G UUCAUACA	3771	UGUAUGAA GCCGAAAGGCGAGUGAGGUCU ACUCCACU	19079
2542	ACAAUGAU G UGGAGGCU	3772		19080
2548		3773	CAUCCAAG GCCGAAAGGCGAGUGAGGUCU CUCCACAU	19081
2562	0	3774	UACUUGUA GCCGAAAGGCGAGUGAGGUCU CGGUCCAU	19082
2568	0	3775	GGGUAAUA GCCGAAAGGCGAGUGAGGUCU UUGUACCG	19083
2003	ۍ <b>ا</b> ت	3776	CCUUGUGG GCCGAAAGGCGAGUGAGGUCU GUUUCAGG	19084
1667	GCCACAAG G CCCAGCCA	3777	UGGCUAGG GCCGAAAGGCGAGUGAGGUCU CUUGUGGC	19085

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2614	O	3779		19086
2629	AGGAAGGA G UGUGCGGU	3780	GCCAAAGGCGAGIGAAGICA	12007
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2636	d	37.02	SURGERICE GENERANGE CONTROL OF ACACUCCU	19090
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26/0	٥	3786	GCUUCCCA GCCGAAAGGCGAGUGAGGUCU AUUUGAUG	19094
2677		3787	CUUCACUG GCCGAAAGGCGAGUGAGGUCU UUCCCACA	19095
2680	ט	3788	GUCCUUCA GCCGAAAGGCGAGUGAGGUCU UGCUUCCC	19096
2691	AAGGACGA G CUGAACAC	3789	GUGUUCAG GCCGAAAGGCGAGUGAGGUCU UCGUCCUII	19097
2717	GGAGAAUG G UGUGGACC	3790	GGUCCACA GCCGAAAGGCGAGUGAGGUCU CAUUCUCC	19098
2719		3791		19099
2729	Ф	3792	CCACGACA GCCGAAAGGCGAGUGAGGUCU UAAGGUCC	19100
2731	ACCUDAGO G UCGUGGOO	3793	AACCACGA GCCGAAAGGCGAGUGAGGUCU ACUAAGGU	19101
2734	UVAGUGUC G UGGUUGAG	3794	CUCAACCA GCCGAAAGGCGAGUGAGGUCU GACACUAA	19102
2737	GUGUCGUG G UUGAGAAA	3795	UUUCUCAA GCCGAAAGGCGAGUGU CACGACAC	19103
2757	GAGGGAAU G UACAAGUC	3796	GCCGAAAGGCGAGUGAGGUCU	19104
2763	AUGUACAA G UCAGCACC	3797		19105
2767	ACAAGUCA G CACCUAAA	3798	UUUAGGUG GCCGAAAAGCGAGUGAGGUCU UQACUUGU	19106
2777	O	3799		19107
2785	GCCUCACC G CCACCACG	3800	CGUGGUGG GCCGAAAGGCGAGUGAGGUCU GGUGAGGC	19108
0187	GGAAAUUG G CUGGAAGG	3801	CCUUCCAG GCCGAAAGGCGAGUGAGGUCU CAAUUUCC	19109
2818		3802	UCCCCAGG GCCGAAAGGCGAGUGAGGUCU CUUCCAGC	19110
2831		3803	AUAAAAUA GCCGAAAGGCGAGUGAGGUCU UCUUUCCC	19111
7847	ט	3804	UUCUGGUG GCCGAAAGGCGAGUGAGGUCU AAAUAAAA	19112
2000		3805	GUUGUUGG GCCGAAAGGCGAAGUGAGGUCU GAGUUCUG	19113
2803	ACACCUUU G UGGUUGAU	3806	AUCAACCA GCCGAAAGGCGAGUGAGGUCU AAAGGUGU	19114
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6/87	0	3808	UCUCCGGA GCCGAAAGGCGAGUGAGGUCU CAUCAACC	19116
2897	ە	3809	GAGUCGGA GCCGAAAGGCGAGUGAGGUCU AUUCCUUG	19117
2913	0	3810	UCCAAGCG GCCGAAAGGCGAGUGAGGUCU GAUUCUGA	19118
2914	o۱	3811	AUUCCAAG GCCGAAAGGCGAGUGAGGUCU GCGAUUCU	19119
2924	UUGGAAUA G CUUAGAAG	3812	CUUCUAAG GCCGAAAGGCGAGUGAGGUCU UAUUCCAA	19120
2932	GCUUAGAA G UGGAGGAU	3813	AUCCUCCA GCCGAAAGGCGAGUGAGGUCU UUCUAAGC	19121
2951	ס	3814	UGGUGAGA GCCGAAAGGCGAGUGAGGUCU CAAAUCCA	19122
2960	υ	3815	UCCGAGUG GCCGAAAGGCGAGAGGUCU UGGUGAGA	19123
2970	미	3816	UUCAGGAA GCCGAAAGGCGAGUGAGGUCU AUCCGAGU	19124
2980	UCCUGAAG G UCAGAGAG	3817	CUCUCUGA GCCGAAAGGCGAGUGAGGUCU CUUCAGGA	19125

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	UNGUGUNG GCCGAAAGGCGAGUGAGGUCU UCUCUCUG		COUGACAG GCCGAAAGGCGAGGUCU CGUUCCAA	GIOCONICO OCCONANGO CAGA GOOD AGCOGUUC	ACCOUNTY COORTS CONTRACTOR CANGED CANGED CANGED CONTRACTOR CONTRAC		GCCGAAGGCGAGUGAGGUCU		ACCITICAL GECCUAAAGGCGAGUGAGGUCU CUGCUUUC	CHINGAR GCCGAAGGCGAGUGAGGUCU GUAUCAUU	Chonchad GCCGAAGGCGAGUGAGGUCU UUCCACGU	ACCREAN COCCANA COCCAN	GCCCAAAGGCCGAGUGAGGUCU	GCCGAAAGGCCGAGGCCC	GOD Care Occorning and a second occorning a second occorning and a second occorning a second occorning and a second occorning a second occorning a second occorning and a second occorning and a second occorning a second	UCAGGCCA GCCGAAAGGCGAGGGCCG AUGAUUGG	GITTING CONTRACTOR CONTRACTOR CONTRACTOR	AAGGUAIIG GCCGAAAGGCGACIIGA CAIGIGE	IIOCOCO COCOMANGECARGAGACA GALCAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG	UICCAIICA GCCGAAAGGCGAGGGGCCU AAGGGAAGG	UCAAGUCA GCCGAAAGGCGAGIIGAGGIITTI IITTICAAGAG			GCCGAAAGGCGAGGCCC	GUCUUGIDA GCCGAAAGGCGACIICA COIGGIA	CCCAUGGG GCCGAAAGACAAGIGACGIGA CCITATA		AAUCUCUA GCCGAAAGGCGAGUGAGGUCII CCGGCCTIII	UUCCUGGG GCCGAAAGGCGAGUGAGGUCII AGIIAAIICG	CAGGGUGA GCCGAAAGGCGAGUGAGGUCU CGUAGIIIIC	AGCUCUCA GCCGAAAGGCGAGUGAGGUCTI IICAGGCTTC	GUCCGCAG GCCGAAAGGCGAGUGAGGUCII IICIICACTIC	GGUGUCCG GCCGAAAGGCGAGUGAGGUCU AGCIICIICA	CAGGUCCA GCCGAAAGGCGAGUCAT GGTGTTCCG				Gillibilion Coochanocochanica Collinsi
	3818	3820	3821	3822	3823	3824	3825	3826	3827	3828	3820	3830	3831	3832	3833	3834	3835	3836	3837	3838	3839	3840	3841	3842	3843	3844	3845	3846	3847	3848	3849	3850	3851	3852	3853	3854	3855	3856
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	3745	GAGGAGAG G CAGAAUCU	3901	GAAAGCUG	19209
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ب	3856	uguages a cugurune	3916	CAACAUCA	19223
130	3859	UGGCGGCU G UUUUCUUU	3917		19224
	3874	UUCAAAUG G CUUAUCAC	3918	AGCCGCCA	19225
	3886	0	3919	CAUUUGAA	19226
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<u></u>	3919	O	3922	GCCGAAAGGCGAGGGCCU AGAAUUUG	19229
m	3921	CCUGAUGU G UUGAAIIIIC	3022	AUCAGGGA	19230
lω	3934	AUUCACUG G CGGIIAGCII	2027	ACAUCAGG	19231
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l <sub>w</sub>	3940	UGGCGGUA G CHITGGAILG	3000	CCAAGCUA GCCGAAAGGCGAGUGAGGUCU CGCCAGUG 19233	233
ľ	3958	UACUGAGA G CCATIAACA	3927	CAUCCAAG GCCGAAAGGCGAGUGAGGUCU UACCGCCA 19234	234
m	3985	CAUCAAAC G 11GCITTCITT	3000	UGUNAUGG GCCGAAAGGCGAGUGAGGUCU UCUCAGUA	235
m	3988	CAAACGIIG G INTOINTOCC	2520	AACAACCA GCCGAAAGGCGAGUGAGGUCU GUUUGAUG 19236	236
m	3991	ACGUGGIAT G INTOCOURCE	3929	CEGAACAA GCCGAAAGGCGAGUGAGGUCU CACGUUUG 19237	237
m	3996	GUIGUUCC a CIRCINAC	3930	CAGCGGAA GCCGAAAGGCGAGUGAGGUCU AACCACGU 19238	238
m	3999	GINTOCOCTI O CITOCOCTI	1931	GCUAGCAG GCCGAAAGGCGAGUGAGGUCU GGAACAAC	239
4	4003	CGCHGCHA G CCCCC	3932	AGGGCUAG GCCGAAAGGCGAGUGAGGUCU AGCGGAAC 19240	240
4	4008	Cliberton o cliberton	3933	UAGCAGGG GCCGAAAGGCGAGUGAGGUCU UAGCAGCG 19241	241
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4	4028	9  c	3935	CAUCUCAG GCCGAAAGGCGAGGUCU CCGGGUGU 19243	243
4	4042	o le	3936	GAUUCAAG GCCGAAAGGCGAGUGAGGUCU AUCUCAGC 19244	244
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4044	CUGGAUGH G HACAGGAH	2030		
4056	AGGAIACH G CHEMICAN	3938	AUCCUGUA GCCGAAAGGCGAGUGAGGUCU ACAUCCAG	19246
4059	le le	2525		19247
4066	0	3940	GCCGAAAGGCGAGUGAGGUCU	19248
4076	0	3341	UAUUCCGA GCCGAAAGGCGAGUGAGGUCU CAUCAACA	19249
4079	0	3942		19250
4100		3943		19251
4102	9  c	3944		19252
4105	2	3945	UGCAGCUG GCCGAAAGGCGAGUGAGGUCU ACUCCUCU	19253
4108		3946	UUUUGCAG GCCGAAAGGCGAGUGAGGUCU UGCACUCC	19254
4123	2 0	3947		19255
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4131	5  c	3949		19257
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4136	<u>ا</u> ت	3951		19259
27.77	9 0	3952	GGCUAGAG GCCGAAAGGCGAGUGAGGUCU CAAGCAUA	19260
100		3953	UGUUGAGG GCCGAAAGGCGAGUGAGGUCU UAGAGCCA	19261
4180		3954	UCCAGCAG GCCGAAAGGCGAGUGAGGUCU AAGGAUCA	19262
#183	0	3955	CAGUCCAG GCCGAAAGGCGAGIIGAGGIICII AGCAACCA	10062
4195	GACUGAUU G CAUGUGAU	3956	1	19203
4199	GAUUGCAU G UGAUCCCA	3957	GOOGLA DAGGOORGING AND CASO	13204
4211	UCCCAACC G UAAACGCG	3958		19265
4217	CCGUAAAC G CGGAUGGC	3959	GCCAUCCG GCCGAAAGGCGAGTGAGCTGT CTTTTA GCC	19266
4224	CGCGGAUG G CCCGCAAC	3960		19261
4228	GAUGGCCC G CAACUGAA	3961	GCCGN NACCCGAGOGAGGOCO	19268
4237	CAACUGAA G UGAUGACA	3962	GCCGAAGGCGAGUGAGGUCU	19269
4246		3963	GCCCACLA GCCGAAAGGCGAGUGAGGUCU UUCAGUUG	19270
4249	C	2064	GCCGACAG GCCGAAAGGCGAGUCU UGUCAUCA	19271
4253	0	2066	DAGGCCGA GCCGAAGGCGAGUGAGGUCU AGCUGUCA	19272
4260	0	3066	GCCGAAAGGCGAGUGAGGUCU CGACAGCU	19273
4264	O	3967		19274
4270	0	3968	AAACAUUA	19275
4278	GUCGGAGG G CUGGCAGA	3969	GAUGGCAA	19276
4282	O	3970	CCUCCGAC	19277
4287	O	3971		19278
4306	0	2072	UCUGCCAG	19279
4324	) c	327.2	CAUGGAGU	19280
4329	0	39/3	GAUAGUCA	19281
4335	)  c	3974		19282
4330	5   c	3975	GCCGAAAGGCGAGUGAGGUCU AUGAGCCC	19283
4342		3976	$\mid$	19284
22.5	occouract a connected	3977	CACGAAAG GCCGAAAGGCGAGUGAGGUCU AGCAAACA	19285

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4374	ACAGAMAN O MORNINGS	3978	AGAAAUCA GCCGAAAGGCGAGUGAGGUCU GAAAGCAG	19286
4390	AGAGAAGA G GOGAGGA	3979	UCAAUCCA GCCGAAAGGCGAGUGAGGUCU AUAUCUGU	19287
4409	OCCUPANT O CONTROLLED	3380	AAUGUCCG GCCGAAAGGCGAGUGAGGUCU CGUUCUCU	19288
4414	פארטטטטט פייייי פייייייייייייייייייייייייי	3981	CUGCAUCA GCCGAAAGGCGAGUGAGGUCU UUUCCCAG	19289
4427	AMERICAN G CAGAMON	3982	AAUUUCUG GCCGAAAGGCGAGUGAGGUCU AUCACUUU	19290
4433	Agenton o consequence	3983	CGCUCGAG GCCGAAAGGCGAGUGAGGUCU CUGUAAUU	19291
744		3984	CUCUTUCG GCCGAAAGGCGAGUGAGGUCU UCGAGCCU	19292
4447	Grandada e uneaugue	3985	CACAUCAA GCCGAAAGGCGAGUGAGGUCU UCUUUCGC	19293
1855	Graducky & Decedent	3986	AAGCCGCA GCCGAAAGGCGAGUGAGGUCU AUCAACUC	19294
	ع   د	3987	UCAAGCCG GCCGAAAGGCGAGUGAGGUCU ACAUCAAC	19295
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4495	ט	3990		19298
4515	0	3991		19299
4525	UCAGAAUG G UCUGUCUC	3992		19300
4529	0	3993		19301
4534	ט	3994	ACUAAUCG GCCGAAAGGCGAGUGAGGUCU GAGACAGA	19302
4541	ଠା	3995	UGUACGCA GCCGAAAGGCGAGUGAGGUCU UAAUCGCG	19303
4543		3996	GGUGUACG GCCGAAAGGCGAGUGAGGUCU ACUAAIICG	19304
4545	O	3997	GGGGUGUA GCCGAAAGGCGAGUGAGGUCU GCACTIAAII	19305
4558	CCCCCUGG G CAAUCUUG	3998	CAAGAUUG GCCGAAAGGCGAGUGAGGUCU CCAGGGGG	19306
4566	GCAAUCUU G CCCUCAGU	3999	ACUGAGGG GCCGAAGGCGAGUGAGGUCU AAGAUUGC	19307
45/3	UGCCCUCA G UAGUUGGA	4000	UCCAACUA GCCGAAAGGCGAGUGAGGUCU UGAGGGCA	19308
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10.10		4002	ACAACACG GCCGAAAGGCGAGUGAGGUCU CUCCUCUC	19310
070%	၁   ဇ	4003	CCACAACA GCCGAAAGGCGAGUGAGGUCU GCCUCCUC	19311
4623	General & Unduceda	4004	UCCCACAA GCCGAAAGGCGAGUGAGGUCU ACGCCUCC	19312
4647		4005	GUGUCCCA GCCGAAAGGCGAGUGAGGUCU AACACGCC	19313
4673		4000	UNUUGUA GCCGAAAGGCGAGUGAGGUCU UCCUUUGG	19314
4675	)   c	4000	UGUAGACG GCCGAAAGGCGAGUGAGGUCU CGGUGGUC	19315
4694	, c	4000	CCUGUAGA GCCGAAGGCGAAGGGAAGGCCU ACCGGUGG	19316
4698	0	4010	GCGACCCA GCCGAAGGCGAGGGCCU GAGUCAUG	19317
4701	O	4011	CLEAGENE GEOGRAPHICAGENERAGE COACGAGO	19318
4706	0	4012	CONTRACTION OF STATE	19319
4709		4013	CHICALIA COCCARAGECEAGUEAGUEA	19320
4717	GUUAUCAA G CAGGAGCG	4014	GCCGR & GCCGR GGCCC	19321
4723	AAGCAGGA G CGGGCGUG	4015	Carcerca Gereammer Carcellor Carcerca Carcellor Carcello	19322
4727	AGGAGCGG G CGUGAUGG	4016	CONTINUE GOODS SECONDITION OF THE CONTINUE CONTI	19323
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	4735	GCGUGAUG G UUGAAGGU	4018	ACCUUCAA GCCGAAAAGCCGAGUGU CAUCACGC 19326	36
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	4820		4027	GCCGAAAGGCGAGIIGAGGIIGII	34
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	4844	UCGACUUU G UUACGGAG	4030	1	37
!	4866	UGGAAAUU G CAGCACAA	4031	1	38
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<u></u>	4896	GAUGAGGU G CAGAUGAU	4036		13
-1	4906	Ø	4037	1	4
	4909	UGAUUGUG G UGGAACCU	4038		5
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	4927	GCAAGAAC G UDAAGAAC	4040		1.3
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Ľ	4956	CCAGGGGU G UUCAAAAC	4043	OUTERIOR GCCGAGGGGGGGGCC CCCGGGUU 19350	0
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	5029	CACCAAUA G UGGACAAA	4047		4
	5042	CAAAAACG G UGAUGUGA	4048		2
	5047	ACGGUGAU G UGAUUGGG	4049	COCHANGE GCGGAGGGGCC CGUUUUG 19356	9
<u>"</u> ]	5055	GUGAUUGG G CUUUAUGG	4050	CCMINNING GCGGAGGGGGGGGGCU AUCACCGU 19357	7
	5063	GCUUVAUG G CAAUGGAG	4051	CINCALITY COORT 19358	
۵,	5071	GCAAUGGA G UCAUAAUG	4052	CANTINGE GCCGAGGGGGGGCCU CAUAAAGC 19359	6
41)	5079	GUCAUAAU G CCCAACGG	4053		0
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G UACTIGGALI	4063	AUCCUCAG GCCGAAAGGCGAGUGAGGUCU AUCUCAGG	19370
CGCCGGUA	4064	UACCGGCG GCCGAAAGGCGAGTGAGTGT GGCGAGTGT	19371
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G UAAAACAA	4066	UUGUUUDA GCCGAAAGGCGAGIIGAGGIICII CCCCCCCC	19373
CCACAGAU	4067	AUCUGUGG GCCGAAAGGCGAGUGAGGUCU AGAAIICCII	193/4
UCAAAGAG G CCAUAAAC	4068	GUUDAUGG GCCGAAGGCGAGTICH CHICHTIGA	10376
CCGUGCUA	4069	UAGCACGG GCCGAAAGGCGAGUGAGGUCU UGIIICIICA	19377
GAACAGCC G UGCUAGCA	4070	UGCUAGCA GCCGAAAGGCGAGUGAGGUCU GGCUGUUC	19378
G CUAGCACC	4071	GGUGCUAG GCCGAAAGGCGAGUGAGGUCU ACGGCUGU	19379
	4072	GGUUGGUG GCCGAAAGGCGAGUGAGGUCU UAGCACGG	19380
1	4073	AGCCACAA GCCGAAAGGCGAGUGAGGUCU CCUGGUUG	19381
-	4074	AGCAGCCA GCCGAAAGGCGAGUGAGGUCU AACCCUGG	19382
-	4075	CUCAGCAG GCCGAAAGGCGAGUGAGGUCU CACAACCC	19383
1	4076	CAUCUCAG GCCGAAAGGCGAGUGAGGUCU AGCCACAA	19384
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-	4078	UCUCAGUG GCCGAAAGGCGAGUGAGGUCU UUCAGCCA	19386
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- [	4080	GUCUGGUA GCCGAAAGGCGAGGGAGGUCU CGGAUGGG	19388
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1	4085	ACACATIGA GCCGAAAAGGCGAGGGGGCGC AAUCUCAU	19392
G UGUCAUGC	4086	GCAUGACA GCCGAAAGCCGAGGGGGGGGGGGGGGGGGGG	19393
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1	4089	GACAUCAG GCCGAAAGGCGAGUGAGGICTI CHGIRACH	10207
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	4092	UAGUUCGG GCCGAAAGCCGAGIIGAAGIICAA	19399
}	4093	AUCACGAA GCCGAAAGGCGAGIIGAGGICTI AGGTTIGITA	19400
UGAUGGAU	4094	AUCCAUCA GCCGAAGGCGAGTGAAGGTTCTT GAACACGTT	19401
	4095	GAAAUGAG GCCGAAAGGCGAGUGAGGUCU CUCAUCCA	19403
	4096	AAUGCUAG GCCGAAAGGCGAGUGAGGUCU UGGGUCGG	19404
	4097	CUGCAAUG GCCGAAAGGCGAGUGAGGUCU UAGCUGGG	19405
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5974	CAGCITAGIT	4139	GGGCGGCA GCCGAAAGGCGAGUGAGGUCU UAGCUGCU	19447
5977		4140	CUGGGCGO GCCGAAAGGCGAGUGAGGUCU ACUAGCUG	19448
5987	5   c	4141	UCUCUGGG GCCGAAAGGCGAGUGAGGUCU GGCACUAG	19449
5993	ופ	4142		19450
5999	9 C	4143	UACCGAUA GCCGAAAGGCGAGUGAGGUCU GUCCACGU	19451
6009	2   c	4144	GAUUUCUA GCCGAAAGGCGAGUGAGGUCU CGAUACGU	19452
6012	9 C	4145	ACUUGCGA GCCGAAAGGCGAGUGAGGUCU GGAUUUCU	19453
6016		4146	CCAACUUG GCCGAAAGGCGAGUGAGGUCU GACGGAUU	19454
6020	)   0	4147	AUCACCAA GCCGAAAGGCGAGGGGGCU UUGCGACG	19455
6027	ף ∤פ	4148		19456
6032	UGAGIACII G IIIAIIOCCC	4149		19457
6042	UAUGGGGG G CACACAGA	4150	CCCCAUAA GCCGAAAGGCGAGUGAGGUCU AGUACUCA	19458
6070	0	4151	UUCGUGUG GCCGAAAGGCGAGUGAGGUCU CCCCCAUA	19459
6085	0	4152	CCAAUGGG GCCGAAAGGCGAGUGAGGUCU GAAGUUCG	19460
9609		4153	GAUUCGUG GCCGAAAGGCGAGUGAGGUCU CUCAGUCC	19461
6114		4154	UNGUCCAG GCCGAAAGGCGAGUGAGGUCU AUGAUUCG	19462
6130	GACTIGATIO O CLEANING	4155	CCGUUUGG GCCGAAAGGCGAGUGAGGUCU AUGUUGAU	19463
6150	0	4130	GAAUUGAG GCCGAAAGGCGAGUGAGGUCU GAUCAGUC	19464
6152	) c	4157	UUCUCACG GCCGAAAGGCGAGUGAGGUCU UCUGGUUG	19465
63.5	ACCRETE O DEAGRANGE	4158	CCUUCUCA GCCGAAAGGCGAGUGAGGUCU GCUCUGGU	19466
0700	GUGAGAAG G UAUAUACC	4159	GGUAUAUA GCCGAAAGGCGAGUGAGGUCU CUUCUCAC	19467
0700	GAADACCG G CUCAGAGG	4160	CCUCUGAG GCCGAAAGGCGAGUGAGGUCU CGGUATITIC	19469
0222	CUGGAACU G UUGAGGAC	4161	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU AGUUCCAG	19460
9232	▫│	4162	CAGAUCUG GCCGAAAGGCGAGUGAGGUCH AGHCCHCA	2070
9740	0	4163	CAAACUGG GCCGAAAGGCGAGUGAGGUCII AGAIICTIGC	19470
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6265	ט	4168	AACCITICIT	19475
6268	Ø	4169	1	19476
6271	UUGCAGCG G CUGGAGUG	4170		19477
6277	CGGCUGGA G UGUCAUAC	4171		19478
6279	GCUGGAGU G UCAUACCA	4172		19479
6297	GACCGGAG G UGGUGCUU	4173	GCCGAAAGGCGAGUGAGGUCU ACUCCAGC	19480
6300	CGGAGGUG G UGCUMINGA	4174	SCCGAAAGGCGAGOGAGOOCU CUCCGGUC	19481
6302	O	1175	CACCUCCG	19482
6311	ט	4176	ACCACCUC	19483
6349	ACAACGAA G HGGAAGHC	4177		19484
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6355	AAGUGGAA G UCAUCACG	4178	ישים יביבותי ויינובים למונט למנוס ממנומ מונומ מונומונונים	
6366	AUCACGAA G CUUGGUGA	4179	מססיים שליים מססיים שליים מחומים מיינים מחומים מיינים מחומים מיינים מחומים מיינים מיינ	19486
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6390	AUUCUGAG G CCGCGCTIG	77.61	GCCGAAAGGCGAGGGGCC	19488
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6406	9 0	4183	CAAUCCAG GCCGAAAGGCGAGUGAGGUCU GCGGCCUC	19491
6412	9  c	4184	CACCCUGG GCCGAAAGGCGAGUGAGGUCU GUCAAUCC	19492
77.50	3 K	4185		19493
0275	GCCAGGGU G DACUCGGA	4186	UCCGAGUA GCCGAAAGGCGAGUGAGGUCU ACCCUGGC	19494
0430	AUCACCAG G CACUAAAG	4187		19495
04.39	CACUAAAG G CGUUCAAG	4188		19496
7,47		4189	UCCUUGAA GCCGAAAGGCGAGUGAGGUCU GCCUUUAG	19497
6454	AGGACUUC G CCUCGGGA	4190	GCCGAAAGGCGAGUGAGGUCU	19498
6467	GGGAAAAC G UUCUCAGA	4191	UCUGAGAA GCCGAAAGGCGAGUGAGGUCU GUUUUCCC	19499
6480	CAGAUAGG G CUCAUUGA	4192	UCAAUGAG GCCGAAAGGCGAGUGUCU CCUAUCUG	19500
6490	UCAUUGAG G UUCUGGGA	4193	GCCGAAAGGCGAGUGAGGUCU	10501
6504	O	4194	GCCGAAAGGCGAGUGAGGUCU	19502
6510	AUGCCUGA G CACUUCAU	4195	AUGAAGUG GCCGAAAGGCGAGIIGAGGIICII IICAGGCAII	20201
6535	CAUGGGAA G CACUUGAC	4196	GUCAAGUG GCCGAAAGGCGAGHGAAGHTT1 THICCANTO	19503
6249	GACACCAU G UACGUUGU	4197	ACABACTIA COCCANADOCOCIONOCIONOCIONISTI	13304
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6616	0 0	4204	GCAUCUGG GCCGAAAGGCGAGUGAGGUCU AGUUCCUC	19512
6631	o le	4205	CUGAAGAG GCCGAAAGGCGAGUGAGGUCU AUCUGGCA	19513
6640	0	4206	AAUCAAGG GCCGAAAGGCGAGUGAGGUCU AAUUGUCU	19514
6650	d	420/	CARDAAGG GCCGAAAGGCGAGUGAGGUCU AAUCAAGG	19515
6652	- 1	4208	UCAUCACA GCCGAAAGGCGAGUGAGGUCU UCAAUAAG	19516
6667	- 1	4209	GGUCAUCA GCCGAAAGGCGAGUGAGGUCU ACUCAAUA	19517
26.84	2 0	4210	GAAGAAUA GCCGAAAGGCGAGUGAGGUCU UCCCAUGG	19518
	<b>9</b>	4211	UUCCGCUG GCCGAAAGGCGAGGUGAGGUCU AUGAGGAG	19519
1000	0	4212	CCCUUCCG GCCGAAAGGCGAGUGAGGUCU UGCAUGAG	19520
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6721	0	4216	CAAGACAG GCCGAAAGGCGAGUGAGGUCU GCCTICCCA	10524
6724	GAGGCGCU G UCUUGGGA	4217	UCCCAAGA GCCGAAAGGCGAGTGAAGTCTT AGCCCTTC	1000
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G CUGAAGUU	4221		19529
	4222		19530
G CCGGAAUG	4223	GCCGAAAGGCGAGUGAGGUCU	19531
	4224	AGCAGCAA GCCGAAAGGCGAGUGAGGUCU AUUCCGGC	19532
	4225		19533
	4226		19534
	4227	AAUUAGCA GCCGAAAGGCGAGUGAGGUCU AAUCAUCA	19535
σļ	4228	GGAAUUAG GCCGAAAGGCGAGUGAGGUCU ACAAUCAU	19536
	4229	UUCUCUGG GCCGAAAGGCGAGUGAGGUCU UCAGGAAU	19537
	4230		19538
	4231	UCUGCGAA GCCGAAAGGCGAGUGAGGUCU GUUGCUUC	19539
	4232		19540
	4233	ACGGCUAG GCCGAAAGGCGAGUGAGGUCU UGGUUGUC	19541
ACCAGCUA G CCGUGUUC	4234	GAACACGG GCCGAAAGGCGAGUGAGGUCU UAGCUGGU	19542
۳	4235	CAGGAACA GCCGAAAGGCGAGUGAGGUCU GGCUAGCU	19543
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CCUGAUTU G UGUCAUGA	4237	UCAUGACA GCCGAAAGGCGAGUGAGGUCU AAAUCAGG	19545
UCAUGACC	4238		19546
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G CGCAGUGG	4240	CCACUGCG GCCGAAAGGCGAGUGAGGUCU UCACAAGG	19548
G CAGUGGCA	4241	<u> И</u>	19549
G UGGCAGCC	4242		19550
0	4243		19551
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UUGGCUAG	4245	CUAGCCAA GCCGAAAGGCGAGUGAGGUCU CCAUCUCG	19553
g CUAGAUAA	4246	UNAUCUAG GCCGAAAGGCGAGUGAGGUCU CAACCCAU	19554
G UGACAUAA	4247	UNAUGUCA GCCGAAAGGCGAGUGAGGUCU UCUUGGUC	19555
g caguuugu	4248	ACAAACUG GCCGAAAGGCGAGUGAGGUCU UUAUGUCA	19556
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UUUGGGCA	4250	UGCCCAAA GCCGAAAGGCGAGUGAGGUCU AAACUGCU	19558
G CAAAGAAU	4251	AUUCUUUG GCCGAAAGGCGAGUGAGGUCU CCAAACAA	19559
g UCAAGGAG	4252	CUCCUUGA GCCGAAAGGCGAGUGAGGUCU CUCAAUUC	19560
-	4253	CUCCCAUG GCCGAAAGGCGAGUGAGGUCU UGAAAUUC	19561
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CAACAGCC	4256	GGCUGUUG GCCGAAAGGCGAGUGAGGUCU CGGCCUCA	19564
G CCUGGUCA	4257	UGACCAGG GCCGAAAGGCGAGUGAGGUCU UGUUGCCG	19565

13566	19567	19568	19569	19570	19571	19572	19573	19574	19575	19576	19577	19578	19579	19580	19581	19582	19583	19584	19585	19586	19587	19588	19589	19590	19591	19592	19593	19594	19595	19596	19597	19598	19599	19600	19601	19602	19603	19604	19605
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GGUCU C	GGUCU A	යෙගදග ය	GGUCU A	GGUCU U	GGUCU C	GGUCU A	GGUCU U	GGUCU GI	GGUCU GI		GGUCU UI	GGUCU A	GGUCU G	GGUCU G	යගෙදග ය	GGUCU G	GGUCU A	GGUCU U	GGUCU A	අපොදහ දැ	GGUCU A	GGDCU U	GGUCU U	GGUCU A	GGUCU U	GGUCU G	GGUCU C	GGUCU U	යගෙදග දැ	GGUCU A	GGUCU A	යෙගෙ ය			ദേധസ വ	GGUCU CI	GGUCU AI		GGUCU UK
GCGAGUGA	GCGAGUGA	GCGAGUGA	SCGAGUGA	acgaguga	acgaguga	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	SCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	SCGAGUGA	GCGAGUGA	GCGAGUGA	GCGAGUGA	<b>aceague</b>	GCGAGUGA	GCGAGUGA	acanada	acaaguaa	acanada	SCGAGUGA	SCGAGUGA	SCGAGUGA	SCGAGUGA	SCGAGUGA	SCGAGUGA
CCGAAAG	CCGAAAG	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU	SCCGAAAG	SCCGAAAG	SCCGAAAG	SCCGAAAG	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU	SCCGALAG	3CCGAAAG	SCCGAAAG	SCCGAAAG	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU	GCCGAAAGGCGAGUGAGGUCU	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU UCCAACAU	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU CGACACUC	SCCGAAAG	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU UGCUAGCA	SCCGAAAG	<b>SCCGARAG</b>	GCCGAAAGGCGAGUGAGGUCU GGUGAGGG	GCCGAAAGGCGAGUGAGGUCU	GCCGAAAGGCGAGUGAGGUCU UGUUACCG	SCCGAAAG	<b>3CCGAAAG</b>	<b>SCCGAAAG</b>	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU	SCCGAAAG	<b>вссамлавесваенелением инвессалс</b>	SCCGAAAG	SCCGAAAG	GCCGAAAGGCGAGUGAGGUCU	CCGAAAG
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ACAGCCUG G UCACUGUA			TO G UGACAACA	A G CGGUCCUC	CAACAGCG G UCCUCACU	UG CUA	A G CAUUUGAU	C G UCAGAUUA	C G UUCAGGCA	ט	A G UGCACUAU	നദേഷവ	ucacacuc o cocoago	O	ദ ദ ഡേ	uccccouc a ucaausou	исеисели в ииселеие	A G UGUCGGCU	Ø	פ	Ø	២	Ö	u a cua	A G UCACCCUC	0	Ö					Ø	ø			פ	o	Ð	Ø
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		AGGUCU CGCUGUCC	19609
CUGUAGUG 4302	CACUACAG GCCGAAAGGCGAGUGAGGUCU	AGGUCU GUUCUUCA	19610
$\vdash$		AGGUCU AGCGUUCU	11961
UGGAUGGC 4304		AGGUCU UACAGCGU	19612
CAUCGUGG 4305		AGGUCU CAUCCACU	19613
AUGGCAUC G UGGCCACG 4306	CGUGGCCA GCCGAAAGGCGAGUGAGGUCU	AGGUCU GAUGCCAU	19614
CCACGGAC 4307	GUCCGUGG GCCGAAAGGCGAGUGAGGUCU CACGAUGC	AGGUCU CACGAUGC	19615
		AGGUCU GUCCGUGG	1961
CGCACCAC 4309		AGGUCU UCUAAUUC	19617
CACCACAC 4310		AGGUCU GCUCUAAU	19618
CAGAAGAA 4311		AGGUCU AUGAUGGG	19619
AGAAGAAA G UUGGACAG 4312	CUGUCCAA GCCGAAAGGCGAGUGAGGUCU UUUCUUCU	AGGUCU VUUCUUCU	19620
		AGGUCU AUGAUCUG	19621
UGAUCUUG G UGUCUCUA 4314	UAGAGACA GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	AGGUCU CAAGAUCA	19622
G UCUCUAGC 4315	GCUAGAGA GCCGAAAGGCGAGUGAGGUCU ACCAAGAU	AGGUCU ACCAAGAU	19623
		AGGUCU UAGAGACA	19624
CAGUAGUA 4317		AGGUCU AGCUAGAG	19625
G UAGUAGUG 4318	CACUACUA GCCGAAAGGCGAGUGAGGUCU UGCAGCUA	AGGUCU UGCAGCUA	19626
	GUUCACUA GCCGAAAGGCGAGUGAGGUCU UACUGCAG	AGGUCU UACUGCAG	19627
-	CGGGUUCA	AGGUCU UACUACUG	19628
$\dashv$	UUCACAGA	AGGUCU GGGUUCAC	19629
1	UGUCCUCA	AGGUCU AGACGGGU	19630
1		AGGUCU UGUCUUCA	19631
$\dashv$		AGGUCU UUCUCGUA	19632
1	CGCUGCGG	AGGUCU CGUGAUCA	19633
1	CACCGCUG	AGGUCU GGCCGUGA	19634
$\dashv$	CGUCACCG	AGGUCTU UGCGGCCG	19635
$\dashv$		AGGUCU CGCUGCGG	19636
-	UCCCAAAG	AGGUCTU GUCACCGC	19637
CAAGCUCU 4330	AGAGCUUG GCCGAAAGGCGAGUGAGGUCU UCCAUUCU	IGGUCU UCCAUUCU	19638
CUCUGUUU 4331	AAACAGAG GCCGAAAGGCGAGUGAGGUCU UUGCUCCA	AGGUCU UUGCUCCA	19639
G UUUGGAAC 4332		GGUCU AGAGCUUG	19640
G CAACAACU 4333	AGUUGUUG GCCGAAAGGCGAGUGAGGUCU	AGUCU GUUCCAAA	19641
CAACAACU G CCAUCGGA 4334	UCCGAUGG GCCGAAAGGCGAGGGGGGUCU AGUUGUUG	IGGUCU AGUUGUUG	19642
CGGACUCU G CCACAUCA 4335		GGUCU AGAGUCCG	19643
		AGGUCU AUGAUGUG	19644
G UGGGGGUU 4337	AACCCCCA GCCGAAAGGCGAGUGAGGUCU GCAUGAUG	GGUCU GCAUGAUG	19645

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GGUUGGAU G UCAUGUCA   4341   TOGALINGA GCCGAAAGGCGAGUGAGGUCA AUGUCACCA   4341   TOGALINGA GCCGAAAGGCGAGUGAGGUCA AUGUCACCA   4341   TOGALINGA GCCGAAAGGCGAGUGAGGUCA GUCCUUUU GCCGAAAGGCGAGUGAGUCAGUCA GUCCUUUU GCCGAAAGGCGAGUGAGGUCAGUUACGUCA GUCCACAAGGCGAGUGAGUCAGUUACGUCA GUCCACACAGGCGAGUUACGUCA GUCCACACAGGCGAGUUACGCAGUCAGUCA GUCCACACAGGCGAGUUACGCAGUCAGUCA GUCCACACAGGCGAGUUACGCAGUCAGUCA GUCCACACAGGCGAGUUACGCAGUCAGUCAGUCA GUCCACACAGGCGAGUUACGCAGUCAGUCAGUCA GUCCACACACAGGCGAGUACGCAGUCAGUCAGUCA GUCCACACAGGCGAGUACGCAGUCAGUCACACACACACAC	7617	GGGGGUUG G UUGUCAUG	4339		19646
GUNGUICON G UCINALICCA   4341   UGGANINGA GECGAAAAGGCGARGUGAGGUCA RUCCAULU	7620	GGUUGGUU G UCAUGUCU	4340		19647
AAAAAGAGG G UGGGGCAA	7625	O	4341	Tiggstage googyangcongress and the state of	19648
GAGGUGGG G CRAANGGA   4343   UCCCUUUG GCCGAAAGGCGAGGUGAGCUC CCCACCUC	7682	0	4342	Indoceda accompanded and accompanded accompanded and accompanded and accompanded and accompanded accompanded and accompanded accompanded accompanded and accompanded accompanded accompanded accompanded accompanded accompanded accompanded and accompanded accom	19649
Addreside G Unicicidad	7687	ď	4343		19650
UGGGARAGG G UUCACUAG   4344   UUUCCCAAA GCCGAAAGGCGAGUGAGGUCU UUCCUUUU   UGGGAGAG G UUCACUAG   4345   UUUCCCAAA GCCGAAAGGCGAGUGAGGUCU CUCUCCUUU   UUCACUAG G UUCACUAG   4345   UUUCCCAAA GCCGAAAGGCGAAGGAGGAUGAGGUCU CUCUCCAA   CAAAGAAGG G CCAAAAGGCGAAGGAGGAGGAGUGAGGUCU CUCUCUCAA   CAAAAGAGG G CCAAAAGGCGAAAGGCGAAGGAGGAGGUCAGGUC	7697	o le	424		19621
DUDICADA G UCCACAGO	7711	۶þ	4344		19652
UUCOACUNG G UNACCORA   4346	2270		4345	UUUCCAAA GCCGAAAGGCGAGUGAGGUCU CUCUCCCA	19653
UNGCUARDE G CCANCACHA   4347   UNGCUGUM GCCGAAAGGCGAGUGAGGUC GGUACCHA   4349   CCUCUUUG GCCGAAAGGCGAGUGAGGUC GGUACCHA   4349   GAUGAUGG GCCGAAAGGCGAGUGAGGUC GGUACCHA   4349   GAUGAUGG GCCGAAAGGCGAGUGAGGUC GGUACCHA   4351   GCGCUCAACGCGGAGUGAGGUC GGUACCHA   4351   GCGCUCAACGCGCGAGUGAGGUC GGUACCHA   4352   GCGCUCAACGCCGAAGGCCGAGUGAGGUC UUCACUG GCCCAAAAGGCGAAGGCGAGUGAAGGCCAACGCGAGUGAGGUC UUCACUG GCCCAAAAGGCGAAGGCGAGUGAAGGCCAACGCGAGUGAAGGCCAACGCGAGUGAAGGCCAACGCGAGUGAAGGCCAACGCCGAAAGGCCGAGUGAAGGCCAACGCCGAAAGGCCGAACGCCGAAAGGCCGAGUGAAGGCCAACGCCGAAAGGCCGAGUGAAGGCCAACGCCGAAAGGCCGAACGCCGAAAGGCCGAGUGAAGGCCAACGCCGAAAGGCCGAACGCCGAAAGGCCGAGUGAAGGCCAACGCCAACGCCGAAAGGCCGAACGCCAACGCCAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCAACGCCGAACGCCCAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCGAACGCCCAACGCCCAACGCCGAACACGCCGAACGCCGAACGCCGAACGCCGAACGCCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACGCCAACG	2260		4346	CUAGUGAA GCCGAAAGGCGAGUGAGGUCU UCUUCUUU	19654
UNAGUNACE G CANAGRAGO   4349   CUCUCUUG GCCGAAAGGCGAGUGAGGUC GGUACCUA	85//	UUCACUAG G UACCGCAA	4347	UUGCGGUA GCCGAAAGGCGAGUGAGGUCU CUAGUGAA	19655
GCABABAR G CCAUCAUC   4349   GAUGANGG GCCGABARGGCGAGUGAGGGUCU CUCUUUGC   UCAUCGAR G UCGABUCGG   4351   GCGABUCGA GCCGABARGGCGAGUGAGGUCU UCGAUGA   AUCGCUCA G CGCCABACAC   4351   CCGCGABACGCGAGUGAGGUCU UGAGCGAC   AUCGCUCA G CGCGABACAC   GCGCABACAC   4353   GUGUUUUG GCCGABARGGCGAGUGAGGUCU UGAGCGAC   GCGCABACAC G CCGGABACAC G CCGABACGCCABGUCAGUCAGUCU UGAGCGAU   GCUCAGCG G CCGABACAC G CCGABACGCCABGUCAGUCAGUCU UGAGCCAC   GCGCABCAC G CCGGABACGCCAGUGAGGUCU UGAGCCAC   CAAAACAC G CCGGABACGCCABCGCCAGUGAGGCCAGUCAGUCACUCCAGU   GCCCACACCAC G CCCCACACCAC G CCCACACCAC G CCCACACCCAC G CCCACACCAC G CCCACACACGCCAGUGAGGCCAC G CCCCACACCAC G CCCACACACGCCAGUGAGGCCAC G CCCCACACCAC G CCCACACACGCCAGUGAGGCCAC G CCCCACACCAC G CCCCACACCAC G CCCCACACACGCCAGUGAGGCCAC G CCCCACACCAC G CCCCACACACGCCAGUGAGGCAC G CCCCACACACG G CCCCACACACCAC G CCCCACACACCAC G CCCCACACACC G CCCCACACACCAC G CCC	7763	UAGGUACC G CAAAGAGG	4348	CCUCUUUG GCCGAAAGGCGAGUGAGGUCU GGUACCUA	19656
UCANICGAN G UCGANICGA   4351   CCGGUAGG GCGANAGGCGAGUGAGGGUC UUCGANIGA	7777	GCAAAGAG G CCAUCAUC	4349	GAUGAUGG GCCGAAAGGCGAGUGAGGUCU CUCUUUGC	19657
ABUCGANUC G CUCAGGOSQ         4351         CCGCUGAGG GCCGAAAGGCGAGUGAGGUCU GAUCGACU           AUCGAGUCA G COCCAAAA         4352         UUUUGCCG GCCGAAAGGCGAGUGAGGUCU UAAGCAU           GCUCAAGG G CAAAACAC         4354         UUUUCCGG GCCGAAAGGCGAGUGAGGUCU UAAGCAU           GAAAACAC G CCAGAAAG         4354         UUUCCUGG GCCGAAAGGCGAAGUGAGGUCU UAGCUUUUG           ACUGGAAU         4355         UUUCCUGG GCCGAAAAGGCGAGUGAGGUCU UAUCCUUU           ACUGGAAA         4356         UCCAGUGA GCCGAAAAGGCGAGUGAGGUCU UAUCCUUU           ACUGGACAA         4357         ACUGAUGA GCCGAAAAGGCGAAGUGAGUCU CUUCUUU           ACUCUAGG         4350         UCCAGUGA GCCGAAAAGGCGAAGUGAGGUCU CUUCUUU           GGGGCACA G CACAACAC         4350         UUGCACCAG GCCGAAAAGGCGAAGUGAGGUCU CUUCCAGU           CUCUAGAU         4360         CAGUUUUGA         4360           CUCAGUCAAAGGCGAAGUGAGGACUAAAGGCAAAAGGCGAAGUGAGGUCU CUCCAGU         CCCUUGAAAGGCGAAAAGGCGAAGUGAGGUCU CUCCAGU           GAACGACA         4360         CAGUUCGA         4361         UCGACAAAGGCGAAGUGAGGUCU CUCCAGU           GACAACCA         4360         CAGUUCGA         4361         UUUCCCAGAGCGCAAAAGGCGAAGUGAGUCU CUCCCAGUCAAAGGCGAAGUGAGGUCU CUCCCAGUCAAAAGGCGAAGUGAGGUCU CUCCCAGUCAAAAGGCGAAGUGAGGCAAAAGGCGAAGUGAAAAGGCGAAGUGAGGUCU CUCCCAGUCAAAAGGCGAAAAGGCGAAAAAGGCGAAAAAAAA	7783	UCAUCGAA G UCGAUCGC	4350	GCGAUCGA GCCGAAAGGCGAGUGAGGUCU UUCGAUGA	19658
ANGGEORA G         4352         UNUUGECGO GCCGAAAGGCGAGUGAGGUCU UGAGCGAU           GCUCDAGCO G         CAAAACAC         4353         GUGUUUG           GCUCDAGCO G         CAAAACAC         4353         GUGUUUG           GAAACAC         GCGAAAAGGCGAGUGAGGUCU UGAGUUUC           GAAACAC         GCGAAAAGGCGAGUGAGGUCU UGAUUUC           GAAGCAAU         4355         UUUCCUGO           ACGGAAAGGCGAGUGAGGUCU UGUUUUC         ACUGCAAA           ACUGGAGU         4357         ACUGGAAAGGCGAGUGAGGUCU UUCUUUUC           AGGCAAAA         4357         ACUGGAAAGGCGAGUGAGGUCU UUCUUUUC           GGGAUCCA         G CACAGCAA         4357         ACUGGAAAGGCGAGUGAGGUCU UUCUUUC           GGGGCACA         GAACUUUG         GCCGAAAAGGCGAGUGAGGUCU UUCUUCAGU         CCUCCAGAAAGGCGAGUGAGGUCU           GGGGCACA         GAACUUCGA         ACUGGAAAA         GCCGAAAAGGCGAGUGAGGUCU         CUCCCAGAAAGGCCAAAAGGCCAACUCAGUCAAGUCAAAAAAAA	7790	AGUCGAUC G CUCAGCGG	4351	CCGCUGAG GCCGAAAGGCGAGUGAGGUCU GAUCGACU	19659
GUADACAC G CCAGGAAA   4353   GUGUUUUG GCCGAAAGGCCAGUGAGGUCU CGCUGAGC CAAAACAC G CCAGGAAA   4354   UUUCCUGG GCCGAAAGGCCAGUGAGGUCU CUUCUUUG GAAAAAACA G CAAAACAC G CCAGAAAGGCCAAGUGAGGUCU TUUCCUUUUG GAACAAAG G CAAAACGC G CACACAA   4356   UUCCAGAAAGGCCAAGUGAGGUCU AUUGCUUU CCUCAAAAGGCCAAGUGAGGUCU TUUCCAGU   4357   ACUGAAAGGCCAAGUGAGGUCU TUUCCAGU CCUCAAAAGGCCAAGUGAGGUCU TUUCCAGU   4358   CCUCAGAAAGGCCAAGUGAGGUCU TUGCACAG   4358   CCUCAGAAAGGCCAAGUGAGGUCU TUGCACAG G CACAACCA G CACAACCA G CACAAACG G CACAAACG G CACAACCA G CACAAACG G CACAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAAGGCCAAAAAA	26/	0	4352	UUUUGCCG GCCGAAAGGCGAGUGAGGUCU UGAGCGAU	19660
CARARACAC G CCRGGARAA         4154         UUUCCUGG GCCGARAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	200	0	4353	GUGUUUUG GCCGAAAGGCGAGUGAGGUCU CGCUGAGC	19661
GARAGANG         4355         UGACANDG           GARAGANG         4356         UGCAGUGA         GCCGAAAGGCGAGUGAGGUCU CUUCUUC           ACUGGAUG         4356         UCCAGUGA         GCUGAAAGGCGAGUGAGGUCU AUUGCCUU           ACUGGAUC         G CACHACCAA         4359         UCCAGUGA         GCCGAAAGGCGAGUGAGGUCU AUUGCCUU           GGGGCACA         G CACHACCAA         4359         UCGACUUU         GCCGAAAGGCGAGUGAGGUCU CUUCCAGU           GGGGCACA         G CACHACCAA         4360         CAGUUUUG         GCCGAAAGGCGAGUGAGGUCU         CCUUGAG           GAGGCACA         G CACHACCAA         4360         CAGUUUGG         CAGUUCGA         GCCGAAAGGCGAGUGAGGUCU         CCUUGAGAC           GACGGAACCA         G CCGAAAGGCGAGUGAGGUCU         CCCUUGAGAC         CCGUUCGA         GCCGAAAGGCGAGUGAGGUCU         CCCUUGAG           GAACGAACA         G CCGUCAAAGGCGAGUGAGGUCU         CCCUUGAAA         4363         UCGACAAAAGGCGAGUGAGGUCU         CCCUUGAAA           GACGAAACCG         G UCGAAAAGGCGAGUGAGGUCU         CCCCUUGAAA         CCCGUUCGA         CCCGUUCGA         AGCACACA         GCCGAAAAGGCGAGUGAGGUCU         CCCCUUGAAA           CCCUUGAAA         G UGGAACACG         GCCGAAAAGGCGAGUGAGGUCU         CCCCUUCAA         AGCACCAA         GCCGAAAAGGCGAGUGAGUCU         CCCUUCAA         ACACACAACG	/00/		4354	UUUCCUGG GCCGAAAGGCGAGUGAGGUCU GUGUUUUG	19662
ANDIGAND         4356         UCCAGUDA           ACUGGAGO         4357         ACUGGADO         GCCGAAAGGCGAGUGAGGCUA AUUGCCUU           ACUGGAGO         4357         ACUGGADO         GCCGAAAGGCGAGUGAGGCUA AUUGCCAU           GGCAUCCA         G ALUCUAGG         4358         CCUAGAGA         4359         CUGCUCUA           GGGGGCACA         G CAAACUG         4360         CAGUUUG         GCCGAAAGGCGAGUGAGUCU         CCUAGAGA           GGGGGCACA         G CAAAACUG         4361         UCGACCAG         GCCGAAAGGCGAGUGAGUCU         CCUCAGAG           GAUGGCUC         G CAGAACUG         4361         UCGACCAG         GCCGAAAGGCGAGUGAGUCU         CCCUAGAGAG           GAUGGCUC         G UCGAAACUG         4362         CCGUUCGA         GCCGAAAGGCGAGUGAGUCU         CCCCGAAAGGCGAGUCAGUCU           GANGGCUG         G UCGGAAAA         4364         UUUUCCCA         GCCGAAAGGCGAGUGAGUCU         CCCCUUCGA           CCUUGGAAAA         G UCGGAAAAGGCGAGUGAGUCU         CCCCUUCGA         GCCGAAAAGGCGAGUGAGUCU         CCCCUUCGA           CCUUGGAAAA         G UCGAAAAGGCGAGUGAGUCU         CCCCUUCGA         GCCGAAAAGGCGAGUGAGUCU         CCCCUUCGA           CCUUGGAAA         G UCGAAAAGGCGAGUGAGUCU         CCCCUCUCA         ACCAACCA         CCCUUCGAACAGA         CCCUCUCA	078/	GAAAGAAG G CAAUGUCA	4355	UGACAUUG GCCGAAAGGCGAGUGAGGUCU CUUCUUUC	19663
ACUGGAGG         CAUCGAGU         4357         ACUGGAUG         GCCGAAAGGCGAGUGAGGUCU         CCUCCAGU           GGCAUCCA         G UCUCIAGG         4358         CCUAGAGA         4359         UUGCUGUG         GCCGAAAGGCGAGUGAGGUC         CCUAGAG           GGGGCACA         G CAGAGCAA         4360         CAGUUUUG         GCCGAAAGGCCAGUGAGGUC         CCUAGAGAC           GAACGAGA         4360         UUGACCCAG         GCCGAAAGGCCAGUGAGGUC         CAGUUCGA         GCCGAAAGGCCAGUGAGGUC           GAACGAGA         4361         UCGACCCAG         GCCGAAAGGCCAGUGAGGUC         CAGCCACA           GAACGAGA         G UCGAAAAGGCCAGUGAGGUC         CAGCCACAGUCAGGUCACACACACACACACACACACACAC	/825	٥	4356	GCCGAAAGGCGAGUGAGGUCU	19664
GGGAUCCA G UCUCNAGG         4358         CCUAGAGA GCGAAAGGCGAGUGAGGUCU UGGAUGCC           CUCINAGGG G CACAGCAA         4359         UUGCUGUG GCCGAAAGGCGAGUGAGGUCU UGGAUGCC           CUCINAGGG G CACAGCAA         4360         CAGUUUUG GCCGAAAGGCGAGUGAGGUCU CCCUAGAG           GGGGCACA G CACAAACUG         4361         UCGACCAG GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           GAUGGCUG G UUCGUCGA         4362         CCGUUCGA GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           GAUGGCUG G UUCGAAAA         4363         UCGAGAAA GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           UCGAAAAC         G UUCGUCAA         4364         UUUUCCCA GCCGAAAGGCGAGUGAGUCU CACCGUUC           UCGAAAA         G UGGUAAAA         G UCGAAAGGCGAGUGAGGUCU CACCGUUC         CCCUUCGAAAGGCGAGUGAGGUCU CACCGUUC           UCGAAAA         G UGGUAAAA         G CCGUUCGA         4365         G UCUUCCA         G CCGAAAGGCGAGUGAGGUCU CACCGUUC           UCGAAAA         G UGGUUGGU         4366         CUCUUCCA         G CCGAAAGGCGAGUGAGGUCU         C CCCUUCCA           UCGAGAAA         G UGGUUGGU         4367         ACCAACCG         G CCCUUCCA         ACCAAACG         G UUCCUUCA           ACACCCAA         4371         UUCGUUGAC         G CCGAAAGGCGAGUGAGGUCU         CCCUCUUCA         ACCACAAAGGCCAAGUGAGGUCU         CCCUCUUCA           ACCAAAAAAAAA         G UGUUACUA         4374	7836	O	4357	ACUGGAUG GCCGAAAGGCGAGUGAGGUCU CCUCCAGU	19665
CUCINGGG G CACAGCAA         4359         UUGCUGUG GCCGAAAGGCGAGUGAGGGCCCCAAAGGCCAGUGAGGCCCC           GGGGCACA G CAAAACUG         4360         CAGUUUUG GCCGAAAGGCGAGUGAGGCCCC           CUGAGAAUG G CUGAAACGCAGUGAGGCCCCC         4361         UCGACCAA           GAUGGCUCA G CACAACGC         4362         CCGUUCGA GCCGAAAGGCGAGUGAGCCC           GAUGGCUCG G UCGGAAACGCCGAGUGAGCCCUCC         CAGUUCGA GCCGAAAGGCCGAGUGAGCCUC           GAACGGAAA         4363         UCGAGAAA           GAACGGAAA         4364         UUGAGCAAA           UCGGAAAA         4365         UUCGAGAAA           CCUUGGAU         UCGAAAAGGCGAGUGAGCUC           UCGAAAAAGGCGAGUGAGCUC         CAGCCGAAAAGGCGAGUGAGCUC           UCGAAAAAGGCGAGUGAGCUC         CAGCCGAAAAGGCGAGUGAGCUC           UCGAAAAAGGCGAGUGAGCUC         CAGCCGAAAAGGCGAGUCACCA           UCGAAAAAGGCGAGUGAGCUC         CACCAAAAAGGCGAGUACCA           UGGAAAAAGGCGAGUAGAGCCAUC         CACCAAAAAAAAGACAAAAAAAAAAAAAAAAAAAAAAA	7843		4358	CCUAGAGA GCCGAAAGGCGAGUGAGGUCU UGGAUGCC	19666
GGGGCACA G CAAAACUG         4360         CAGUUUUG GCCGAAAGGCGAGUGAGGUCU UGUGCCC           CUGAGAUG G CUGGUCGA         4361         UCGACCAG GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           GAUGGCUG G UCGAACGG         4362         CCGUUCGA GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           GAACGAAG G UUCGAACGG         4363         UCGAGAAG GCCGAAAGGCGAGUGAGGUCU CAUCUCAG           UCGAACCG G UCGGAAA         4364         UUUUUCCGA GCCGAAAGGCCGAGUGAGGUCU CACCGUUC           UCGAACCG G UCGGAAAA         4364         UUUUUCCGA GCCGAAAGGCCGAGUGAGGUCU CUCCUUCA           UCGAACCG G UCGGAAAAGGCCGAGUGAGGUCU UUUUCCGA         GCCGUUGGAU         4365           UCGAAACG G UCGGAAAGGCCGAGUGAGGUCU UUUUCCGA         GCCGUUGGAU         4366           UCGAAAGGC G UUGGUGUU         4367         ACCAACCG           GCGUUGGU         4367         ACCAACCG         GCGGAAAGGCCAGUGAGGUCU UUUUCCAA           AAGAGCG G UUGGUGUU         4368         ACCCAACCG         GCGGAAAGGCCAGUGAGGUCU CUUUCCAA           AAGAGCG G UUGGUGUU         4369         UAGUAACAA GCCGAAAGGCCAGUGAGGUCU CUUUUCCAA         AACACCCAAAAGGCCAAAGGCCAGUGAGGUCU CUUUUCCAAAAAGGCCAAA	7853	υ	4359	UUGCUGUG GCCGAAAGGCGAGUGAGGUCU CCCUAGAG	19667
CUGAGAGA         4361         UCGACCAG         GCCGNAAGGCGAGUGAGGUCU CAUCUCAG           GAUGGCUG         G UCGAAAGG         4362         CCGUUCGA         GCGDAAGGCGAGUGAGGUCU CAUCUCAG           GAAGGAG         G UUCUCGA         4363         UCGAGAAA         GCGDAAGGCGAGUGAGGUCU CAUCCGUUC           UCGAAAA         G UCGAAAGGCGAGUGAGGUCU CAUCCGAC         4364         UUUUUCCGA         GCCGAAAGGCGAGUGAGGUCU           UCGAACCG         G UCGAAAGGCGAGUGAGGUCU         CGGUUCGA         4365         GUCAAUCA         GCCGAAAGGCGAGUGAGGUCU           UCGAACG         G UGGAUGGU         4366         CUCUUCCA         GCCGAAAGGCGAGUGAGGUCU         AUCCAAGG           UGGAGUUG         UAGUAGAG         G UGGUUGGU         4367         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU         AUCUUCCA           AAGAGGG         UUGGUGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU         ACCUCUCA           AAGAGGG         UUGGUGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU         ACCUCUCA           AAGAGGC         UUGGUUGU         4368         AACACCAA         GCCGAAAAGGCGAGUGAGGUCU         ACCACCCAA           ACAAAAAAA         UUCUUCAA         ACCACAACA         GCCGAAAAGGCGAGUGAGGUCU         AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	BCB	ဗ	4360		19668
GAUGGCUG         G UCGAAAGG         4362         CCGUUCGA GCGAAAGGCGAGUGAGGUCU CAGCCAUC           GAACGAG         G UUCUCGA         4363         UCGAGAAA GCCGAAAGGCGAGUGAGUCU CACGUUC           UCGAAAA         G UCGAAAGGCGAGUGAGUCU CUCCGUUC         UUUUCCGA         GCCGAAAGGCGAGUGAGUCU CUCCGA           UCGAAAA         G UGGAAUCA         4365         GUCAAUCA         GCCGAAAGGCGAGUGAGUCU CACCGAA           UCGAAAA         G UGGAAAAGCCGAGUGAGUCA         ACCAACCG         GCCGAAAGGCGAGUGAGUCA         ACCAACCG           UGGAAGG         G UGGUUGGU         4366         CUCUUCCA         GCCGAAAGGCGAGUGAGGUCU         CUCUUCCA           AAGAGGC         G UGGUUGGU         4367         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU         CUCUUCCA           AAGAGGC         G UGGUUGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU         CUCUUCCA           AAGAGGC         G UGGUUGUU         4369         UAGUAACA         GCCGAAAGGCGAGUGAGGUCU         CCCUCUU           ACAAAAAAA         G UUCCAAGAA         4370         UAUAGUAA         A371         UUCUUGAA         GCCGAAAAGGCGAGUGAGGUCU         CCCUCUGA           AAAAAAAA         G UCCAAAAGGCGAGUGAGGUCU         CCCUCUGA         GCCGCAAAAGGCGAGUGAGGUCU         CCCUCUGA         A374         UUUGUGUA         CCCUCUGA         CCCUCUGA <td>7/8</td> <td>ט</td> <td>4361</td> <td>GCCGAAAGGCGAGUGAGGUCU</td> <td>19669</td>	7/8	ט	4361	GCCGAAAGGCGAGUGAGGUCU	19669
UCGARARA         GUCGARAA         4363         UCGAGAAA         4364         UUUUCCGA         GCCGAAAGGCGAGUGAGGUCU CUCCGUUC           UCGAACCG         UCGAAAAG         4364         UUUUCCGA         GCCGAAAGGCGAGUGAGGUCU CGGUUCGA           UCGAAAA         G UGGAAAGGCGAGUGAGGUCU CGGUUCGA         4365         GUCAAUCA         GCCGAAAGGCGAGUGAGGUCU CUUUUCCA           UGGAAGGC         G CGGUUGGU         4367         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU CUUUUCCA           AAGAGGC         G UGGUUGGU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           GGCGGUUG         U UGGUGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           GGCGGUUG         U UGGUGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           GGCGUUGUU         4369         UAGUAACA         GCCGAAAGGCGAGUGAGGUCU CUCUUUCCA         GCCUCUU           ACCAACCA         GCCGAAAAGGCGAGUGAGGUCU CUCUUU         GCCUCUU         AACACCACA         GCCGAAAAGGCGAGUGAGGUCU CUCUUUU           AAAAAAAAAAAA         4371         UUUGGGUU         GCCGAAAAGGCGAGUGAGGUCU CUCUUU         CCCUCUGA         GCCGAAAAGGCGAGUGAGGUCU CUCUUU           AAAAAAAAAA         U UCCAAGAA         4374         UUUGUGUA         GCCGCGAAAAGGCCGAGUGAGGUCU CUCUUU           AAAAAAAAA         G	9/8	ס	4362		19670
UCGAPACCG         UCGAPACCG         UCGAPACCG         GUCGAPAGGCGAGUGAGGUCU CGGUUCGA           UCGGAPAA         G UGGAPACGC         GCGAPAGGCGAGUGAGGUCU CGGUUCGA           UCGGAPAA         G UGGAPAGGCGAGUGAGGUCU UUUUCCGA           CCUUGGAU         436         CUCUUCCA         GCCGAPAGGCGAGUGAGGUCU AUCCAAGG           UGGAPAGGC         GCGAPAGGCGAGUGAGGUCU AUCCAAGG         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           AAGAGGC         UUGGAGUU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           GGCGGUUGG         UUGGUGUU         4369         UAGUAACA         GCCGAAAGGCGAGUGAGGUCU CACCUCU           GGCGGUUGG         UUCUUCCA         GCCGAAAGGCGAGUGAGGUCU CACCUCU         AACACCACA         GCCGAAAGGCGAGUGAGGUCU CACCUCU           ACAAAAAAA         A 371         UUCUUGGA         GCCGAAAGGCGAGUGAGGUCU CAUUUUU         CCCUCUUA           AAAAAAAA         UCCAAAAGGCGAAAAGGCGAGUGAGGUCU CAUUUUU         CCCUCUGA         GCCGAAAAGGCGAGUGAGGUCU CCCUUU           AAAAAAAA         UCCAAAAGGCGAAAGGCGAGUGAGGUCU CCCUUU         A374         UUUGUGUA         GCCGCGAAAGGCGAGUGAGGUCU CCCUUU           AAAAAAAA         UCCAAAAGGCGAAAGGCGAGUGAGGUCU CCCUUU         CCCCCCUCAAAAGGCCGAGUGAGGCGAGUGAGCCC         CCCCCCUGA           AAAAAAAAA         A 374         UUUGUGUA         GCCGAAAAGGCCGAGUGAGCCCUU	188	<u>ا</u> ن	4363		1961
UCGUARADA         G UGANUGAC         4365         GUCAAUCA         GCGAAAGGCGAGUGAGGUCU         UUUUCCGA           CCUUGGAU         G UGGAAAGGCGAGUGAGGUCU         AUCCAGG         GCCGAAAGGCGAGUGAGGUCU         AUCCAGG           UGGAAGGC         G UGGUGGU         A167         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU         CUCUUCCA           AAGAGGC         G UGGUGGU         4368         AACACCAA         GCCGAAAGGCGAGUGAGGUCU         CUCUUCCA           GGCGGUUG         G UGGUGGU         4370         UAUAGUAA         A270         UAUAGUAA         A271         UUGGGUUG         GCCGAAAGGCGAGUGAGGUCU         CCCUCUU         AAAAAAGGCAAAGGCGAGUGAGGUCU         CCCUCUU         AAAAAAGGAGAGAAAGGCGAGUGAGGUCU         CCCUCUU         AAAAAAGGAGAGAAAAGGCGAGUGAAGGUCU         CCUUUUUUU         AAAAAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	200		4364	UNUUCCGA GCCGAAAGGCGAGGUCU CGGUUCGA	19672
CCURUAGAN         4366         CUCUUCCA         GCCGAAAGGCGAGUGAGGUCU AUCCAAGG           UGGAAGAG         G CGGUUGGU         4367         ACCAACCG         GCCGAAAGGCGAGUGAGGUCU CUCUUCCA           AAGAGGCG         UUGGUGAU         4369         VAGUAACCAA         GCCGAAAGGCGAGUGAGGUCU CACCGCC           GGCGGUUG         UUGGUGAU         4370         UAUNAGUAA         4371           AAAAAAGA         UCCAAGAA         GCCGAAAGGCGAGUGAGGUCU CAUAUAGU           AAAAAAGA         UUCUUGGA         GCCGAAAGGCGAGUGAGGUCU CAUAUAGU           ACCAACCAA         GCCGAAAGGCGAGUGAGGUCU CAUAUAGU           AAAAAAGA         UUCUUGGA         GCCGAAAGGCGAGUGAGGUCU CUCUUUUU           ACCAACAAGCCAAAGGCCAAGUGAGGUCU CUCUUUUU         CCCUCUGA         GCCGAAAGGCCAAGUGAGGUCU CUCUUUUU           ACCAAAAGGCAAAGGCCAAGUGAGGUCA         4373         UUUUGUGAA         GCGGAAAGGCCAAGUGAGGUCA           AAAAAAGA         UUCUUGAA         GCCGAAAAGGCCAAGUGAGGUCU         CCUCUUGA         GCGGAAAGGCCAAUAAGGCCAAUAAGGCCAAUAAGGCCAAUAAGGCCAAUAAGGCCAAUAAAGGCCAAUAAAGGCCAAUAAAGGCCAAUAAAGGCCAAUAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAGGCCAAAAAA	200	UCGGAAAA G UGAUUGAC	4365	GUCAAUCA GCCGAAAGGCGAGUGAGGUCU UUUUCCGA	19673
ACCAACCG GCCGAAAGGCGAGUGAGGCCAA GGCGAAAGGCGAGUGAGGUCU CUCUUCCAA AAGAGGCG G UUGGUUGGU   4368   AACACCAA GCCGAAAGGCGAGUGAGGUCU CGCCUCUU   4369   UAGUBACA GCCGAAAGGCGAGUGAGGUCU CGCCUCUU   4369   UAGUBACA GCCGAAAGGCGAGUGAGGUCU CAACCGC   CGGUUGGU G UACUAUAU G CAACCCAA   4371   UUGGGUUG GCCGAAAGGCGAGUGAGGUCU CAUAUAGU AAAAAAAA G UCCAAGAA   4372   UUCUUGGA GCCGAAAGGCCAGUGAGGUCU CUUUUUUU UCCAAGAA G UCCAAGAA   4374   UUUGUGUA GCCGAAAGGCCAGUGAGGUCU UCUUUUUU CACAAAGG G UACACAAA   4374   UUUGUGUA GCCGAAAGGCCAGUGAGGUCU UCUUUUUCGA GUCCAAAGG G UACACAAA   4374   UUUGUGUA GCCGAAAGGCCAGUGAGGUCA CCUCUGAC CACAAAGGCCAAGUGAGGUCU CCUCUGAC CACAAAGGCCAAGUGAGGUCU CCUCUGAC CACAAAGGCCAAGUGAGGUCA CCUCUGAC GCCGAAAAGGCCAAGUGAGGUCU CCUCUGAC CACAAAGGCCAAGUGAGGUCU CCUCUGAC CACAAAGGCCAAAGGCCAAGUGAGGUCA CCUUUUGUGA AAAGGGCGAAAGGCCAAGUGAGGGUCU CCUCUGAC CAUGAAAGGCCAAAGGCCAAGUGAGGGUCU CCUUUUGUGA AAAGGCCGAAAAGGCCAAAGGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAACGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAACGCCAAAAGGCCAAAAAGGCCAAAAAGAAAAGCAAAAAGCAAAAAA	22.5	CCUUGGAU G UGGAAGAG	4366	CUCUUCCA GCCGAAAGGCGAGUGAGGUCU AUCCAAGG	19674
ANGAGIGO         G UNGGUIDIO         4368         AACACCAA GCCGAAAGGCGAGUGAGGUCU CGCCUCUU           GGCGGUUG         G UNGUACUA         4369         UAGUAACA GCCGAAAGGCGAGUGAGGUCU CAACCGCC           CGGUUGGU         G UNCUAUA         4370         UAUAGUAA GCCGAAAGGCGAGUGAGGUCU CAUAUAGU           AAAAAACA         4371         UUGGGUUG         GCCGAAAGGCGAGUGAGGUCU CAUAUAGU           AAAAAACA         4372         UUCUUGGA         GCCGAAAGGCGAGUGAGGUCU CCUUUUUU           UCCAAGAA         4373         CCCUCUGA GCCGAAAGGCCGAGUGAGGUCU UCUUUUU           CACAAAGG         UUUGUGUA         GCCGAAAAGGCCAAGUGAGGUCU CCUCUGAC           CACAAAAGG         CAGGACCG         GCGGAAAGGCCAAGUGAGGUCU CCUCUGAC           AAAGGCGA         4374         UUUGUGUA         GCGGAAAAGGCCAAGUGAGGUCU CCUCUGAC           AAAGGCGA         4375         CGGGACCG         GCGGAAAAGGCCAAGUGAGGUCU CCUCUUU           AAAGGCGA         4375         CGGGACCG         GCCGAAAAGGCCAAGUGAGGUCU CCUCUUU           AAAGGCGAC         4376         GUCCGGGA         GCCGAAAAGGCCAAGUGAGGUCU           CAUGAAAGG         GCCCAAAC         A376         GUCCGGGA           CAUGAAAGGCGAGUGAGGUCUU         A377         AGUUCGGGA	25.4	UGGAAGAG G CGGUUGGU	4367		19675
GGGUUGGU G UGUUACUA   4369   UAGUAACA GCCGAAAGGCGAGUGAGGUCU CAACCGCC   CGGUUGGU G UUACUAUA   4370   UAUAGUAA GCCGAAAGGCGAGUGAGGUCU ACCAACCG   ACUAUAUG G CAACCCAA   4371   UUGGGUUG GCCGAAAGGCGAGUGAGGUCU CAUAUAGU   AAAAAAAA G UCCAAGAA   4372   UUCUUGGA GCCGAAAGGCGAGUGAGGUCU UCUUUUU   CCCAAGAA G GCCGAAAGGCGAGUGAGGUCU UCUUUUU   CACAAAAG G UACACAAA   4374   UUUGUGUA GCCGAAAGGCGAGUGAGGUCU CCUCUGAC   A375   CGGGACCG GCCGAAAGGCCAAGUGAGGUCU CCUCUGAC   A375   CGGGACCG GCCGAAAGGCCAAGUGAGGUCU CCUCUGAC   A375   CGGGACCG GCCGAAAGGCCAAGUGAGGUCU CCUCUGAC   A376   GUCCGGGA GCCGAAAGGCCAAGUGAGGUCU CCUCUGUG   A377   AGUUGGGG GCCGAAAGGCCAAGUGAGGUCU UCUUCAUG   A377   AGUUGGGG GCCGAAAGGCCAAGUGAGGUCU UCUUCAUG	15,6	AAGAGGCG G UUGGUGUU	4368		19676
CGGUNGGU         9 UNACUANA         4370         UAUAGUAA GCCGAAAGGCGAGUGAGGUCU ACCAACCG           ACUAUNUG         CCACCCAA         4371         UUGGGUUG         GCCGAAAGGCGAGUGAGGUCU         CAUAUNGU           AAAAAAGA         UCCAAGAA         4372         UUCUUGGA         GCCGAAAGGCGAGUGAGGUCU         UCUUUUUU           UCCAAGAA         4373         CCCUCUGA         GCCGAAAGGCCAGUGAGGUCU         UUCUUGGA           CACAAAAGG         UUUGUGUA         GCCGAAAAGGCCAAGUGAGGUCU         CCUCUGAC           AAAGGGCG         4375         CGGGACCG         GCCGAAAAGGCCAAGUGAGGUCU           AAAGGGCG         UCCCGGAC         4375         CGGGACCG           GUCCGGAC         4376         GUCCGGGA         GUCCGGAAAAGGCCAAGUGAGGUCU           CAUGAAAGA         GCCCAAACG         GCCGAAAAGGCCAAGUGAGGUCU         CCUCUGAC	1787		4369	UAGUAACA GCCGAAAGGCGAGUGAGGUCU CAACCGCC	19677
ACIAUANG G CAACCCAA         4371         UUGGGUUG GCCGAAAGGCCAGUGAGGUCU CAUAUAGU           AAAAAAGA G UCCAAGAA         4372         UUCUUGGA GCCGAAAGGCCAGUGAGGUCU UCUUUUU           UCCAAGAA G UCAGAAGG         4373         CCCUCUGA GCCGAAAGGCCAGUGAGGUCU UUCUUGGA           GUCAAAAGG G UACACAAA         4374         UUUGUGUA GCCGAAAGGCCAAGUGAGGUCU CCUUUGUG           AAAGGGCG G UCCCGGAC         4375         CGGGACCG GCCGAAAGGCCAGUGAGGUCU CCUUUGUG           AAAGGGCG G UCCCGGAC         4376         GUCCGGGA GCCGAAAAGGCCAAGUGAGGUCU CCUUUGUG           CAUGAAAGA G CCCCAACU         4377         AGUUGGGA GCCGAAAAGGCCAAGUGAGGUCU CCUUUCAUG	943	٥	4370	UAUAGUAA GCCGAAAGGCGAGUGAGGUCU ACCAACCG	19678
AAAAAGA G UCCAAGAA         4372         UUCUUGGA GCGAAAGGCGAGUGAGGUCU UCUUUUU           UCCAAGAA G UCAGAGG         4373         CCCUCUGA GCGAAAGGCGAGUGAGGUCU UUCUUGGA           GUCAGAAGG G UACACAAA         4374         UUUGUGUA GCGAAAAGGCGAAGUGAGGUCU CCUCUGAC           CACAAAAGG G CGGUCCCG         4375         CGGGACCG GCGAAAAGGCGAGUGAGGUCU CCUUUGUG           AAAGGGCG G UCCCGGAC         4376         GUCCGGGA GCCGAAAAGGCGAGUGAGGUCU CCCCUUU           CAUGAAGA G CCCCAACU         4377         AGUUGGGA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	954	٥Ì	4371	UNGGGUUG GCCGAAAGGCGAGUGAGGUCU CAUAUAGU	19679
UCCAAGAA G UCAGAGG         4373         CCCUCUGA GCCGAAAGGCGAGUGUCU UUCUUGGA           GUCAGAAG G UACACAAA         4374         UUUGUGUA GCCGAAAGGCGAGUGAGGUCU CCUCUGAC           CACAAAGG G CGGUCCCG         4375         CGGGACCG GCCGAAAGGCGAGUGAGGUCU CCUUUGUG           AAAGGGCG G UCCCGGAC         4376         GUCCGGGA GCCGAAAGGCGAGUGAGGUCU CGCCUUU           CAUGAAGA G CCCCAACU         4377         AGUUGGGG GCCGAAAGGCGAGUGAGGUCU CCCCUUU	969	٥Ì	4372	UUCUUGGA GCCGAAAGGCGAGUGAGGUCU UCUUUUUU	19680
GUCANAGO G UACACAAA         4374         UUUGUGUA GCGAAAGGCGAAGUGAGGUCU CCUCUGAC           CACAAAGG G CGGUCCCG         4375         CGGGACCG GCGAAAGGCGAGUGAGGUCU CCUUUGUG           AAAGGGCG G UCCCGGAC         4376         GUCCGGGA GCCGAAAGGCGAGUGAGGUCU CGCCCUUU           CAUGAAGA G CCCCAACU         4377         AGUUGGGG GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	B/S	ט	4373	CCCUCUGA GCCGAAAGGCGAGUGAGGUCU UUCUUGGA	19681
CACAAAGG G CGGUCCCG 4375 CGGGACCG GCCGAAAGGCGAGUGAGGUCU CCUUUGUG AAAGGGCG G UCCCGGAC 4376 GUCCGGGA GCCGAAAGGCGAGUGAGGUCU CGCCCUUU CAUGAAAG G CCCCAACU 4377 AGUUGGGG GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	386	ט	4374	UNUGUGUA GCCGAAAGGCGAAGUGAGGUCU CCUCUGAC	19682
AAAGGCG G UCCCGGAC 4376 GUCCGGGA GCCGAAAGGCGAGUGAGGUCU CGCCCUUU CAUGAAGA G CCCCAACU 4377 AGUUGGGG GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	797	ט	4375	CGGGACCG GCCGAAAGGCGAGUGAGGUCU CCUUUGUG	19683
CAUGAAGA G CCCCAACU 4377 AGUUGGGG GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	000	ט	4376	GUCCGGGA GCCGAAAGGCGAGUGAGGUCU CGCCCUUU	19684
	016	ט	4377	AGUUGGGG GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	19685

	19686	19687	19688	19689	19690	19691	19692	19693	19694	19695	19696	19697	19698	19699	19700	19701	19702	19703	19704	19705	19706	19707	19708	19709	19710	19711	19712	19713	19714	19715	19716	19717	19718	19719	19720	19721	19722	19723	19724	19725
	ACUUUGCA GCCGAAAGGCGAGGGCUCU UAGUUGGG	GCCGAAAGGCGAGUGAGGUCU	AUCCAUAA GCCGAAAGGCGAGUGAGGUCU UUUGCACU	CAUGGUGA GCCGAAAGGCGAGUGAGGUCU AAUGUUCC	CCACUCCA GCCGAAAGGCGAGUGAGGUCU UCUUCAUG	CACAUCCA GCCGAAAGGCGAGUGAGGUCU UCCACUCU	GUAGAACA GCCGAAAGGCGAGUGAGGUCU AUCCACUC	CUGUAGAA GCCGAAAGGCGAGUGAGGUCU ACAUCCAC		UGUCACAA GCCGAAAGGCGAGUGAGGUCU ACUCAGAA	GGGUGUCA GCCGAAAGGCGAGUGAGGUCU AACACUCA	CGAUGUCA GCCGAAAGGCGAGUGAGGUCU AAAGGAGG	GACGAGGA GCCGAAAGGCGAGUGAGGUCU UCUCCGAU	GCACUUGA GCCGAAAGGCGAGUGAGGUCU GAGGACUC	CCUCAGCA GCCGAAAGGCGAGUGAGGUCU UUGACGAG	AACCUCAG GCCGAAGGCGAGUGAGGUCU ACUUGACG	CUCUUCAA GCCGAAAGGCGAGUGAGGUCU CUCAGCAC	GUCCUAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAAC	UUCAAGGA GCCGAAAGGCGAGUGAGGUCU CCGAAUCG	GUCCUCAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAA	CGGUGCAG GCCGAAAGGCGAGUGAGGUCU CAGUCCUC	CCUCGGUG GCCGAAAGGCGAGUGAGGUCU AGCCAGUC	UCCCUUGG GCCGAAAGGCGAGUGAGGUCU CCUCGGUG	CCUTCACG GCCGAAAGGCGAGUGAGGUCU AAAAUUCC		GCAGAGCA GCCGAAAGGCGAGUGAGGUCU CUUCACGC	GGGCAGAG GCCGAAAGGCGAGUGAGGUCU ACCUUCAC	UGUAGGG GCCGAAAGGCGAGUGAGGUCU AGAGCACC		CUCUAUGA GCCGAAGGCGAGUGAGGUCU UUUCGGCA	UGGAGCAG GCCGAAAGGCGAGUGAGGUCU UCCAUCUU	GCCGAAAGGCGAGUGAGGUCU		CCCCCAUA GCCGAAAGGCGAGUGAGGUCU CGGCGUUG		AUCUCGUG GCCGAAGGCGAGUGAGGUCU GUGGAAUU	ACCCAAUA GCCGAAGGCGAGUGAGGUCU AUCUCGUG		AAGCUCGA GCCGAAAGGCGAGUGAGGUCU UCACCCAA	GCCUGAAG GCCGAAAGGCGAGUGAGGUCU UCGACUCA
02.27	43/8	4379	4380	4381	4382	4383	4384	4385	4386	4387	4388	4389	4390	4391	4392	4393	4394	4395	4396	4397	4398	4399	4400	4401	4402	4403	4404	4405	4406	4407	4408	4409	4410	4411	4412	4413	4414	4415	4416	4417
ייסיי מודיא מיססי	9 0	י כ	AGUGCAAA G UUAUGGAU			이		GUGGAUGU G UUCUACAG	CCUUCUGA G UGUUGUGA	UUCUGAGU G UUGUGACA				GAGUCCUC G UCAAGUGC	CUCGUCAA G UGCUGAGG		٥		CGAUUCGG G UCCUUGAA	UUGAAAUG G UUGAGGAC	GAGGACUG G CUGCACCG	g	o	اه		ಶ	0	٥l	ט	o		υ	٥		စ			ט	U	UGAGUCGA G CUUCAGGC
3008	0000	0020	8033	8050	8063	8068	8074	8076	8094	8096	8099	8114	8127	8133	8138	8140	8146	8154	8170	8182	8193	8196	8205	8219	8221	8227	8229	8234	8244	8251	8268	8271	8279	8283	8299	8328	8337	8344	8348	8353

4419         AUGUACCA GCCGAAAGGCGAGUGAGGUC AUGCCUG           4420         LGADUGUA GCCGAAAGGCGAGUGAGGUCU CACAUUGC           4421         CADUNUCA GCCGAAAGGCGAGUGAGGUCU CACAUUGC           4422         CADUNUCA GCCGAAAGGCGAGUGAGGUCU UGGUCAUB           4424         CACCUGG CCCGAAAGGCGAGUGAGGUCU UGGUCAUB           4424         UAGGAGCA GCCGAAAGGCGAGUGAGGUCA UGGUCAUB           4426         UAGGAGCA GCCGAAAGGCGAGUGAGGUCA UGGCCGAGUC           4427         CCUMGGAG         GCCGAAAGGCGAGUGAGGUCA GCCGGAUC           4427         CCUMGGAG         GCCGAAAGGCGAGUGAGGUCA         ACUUCCAC           4427         UAGUCCAG         GCCGAAAAGGCGAGUGAGGUCA         ACUUCCACA           4428         UUUUCCCAC         GCCGAAAAGGCGAGUGAGGUCA         ACUUCACA           4430         UGAMUUNA         GCCGAAAGGCGAGUGAGGUCA         ACUCGCACA           4431         UUUUCCCA         GCCGAAAAGGCGAGUGAGGUCA         ACUCGCACA           4432         UUUUCCCA         GCCGAAAAGGCGAGUGAGGUCA         ACUCGCACA           4433         GACUCGAA         GCCGAAAAGGCGAGUGAGGUCA         GCCGAAAAGGCGAGUGAGGUCA         GCCGAAACGCGAGAGGAGGAGCA         ACUCGCACA           4434         ACGUCGAA         GCCGAAAAGGCGAGGAGAGAGACA         GCCGAAAAGGCGAAGAGAGAGAGAGAGAGAGAGAGAGAG	8360	AGCUUCAG G CAAUGUGG	4418	CCACAUDG GCCGAAAGGCGACHGAGGUCTI CUGAAGCU	19726
GICHAUGUA G URAJUNCA   4421   CHARLIGIA GECGRAAAGGCGAGUGAGUC CACUUGC	8365	ט	4419	GCCGAAAGGCGAGUGAGGUCU	19727
UNABAICIDA G UGARGINEG   4421   CUNICUIDA GECGAAAAGGGBAUGAGGUU UGGAUGIR   UNABAICIDA G CEGGAGAG G UGGGCCAAAAGGCGBAUGAGGUU UGGAUGIR   AGCAGCAG G UGGCCCAA 4422   GCACCUGG GCCGAAAAGGCGBAUGAGGUU UGCCCAAAAGGCGBAUGAGAGUU UCCCAAAA GACAGAGAGAGAGAGAGAGAGAGAGAGAGAGA	8368	GCAAUGUG G VACAUUCA	4420	GCCGAAAGGCGAGUGAGGUCU	19728
UNUBACCA 6 CCAAGUIGA   1423   GOLCCUDGO GOCCDAAAGGCGAAGUIGAGGUICA GUGGUUA   4424   CCCAAGAGCA GCCGAAAAGGCGAAGUIGAGGUUC TGGGCUGG   AGCCAGCAG 0 GUGCUCCAA   4424   CCCAAGAGCA GCCGAAAAGGCGAGUIGAGGUU ACCUGGA   4424   CCCCAAGAGCA GCCGAAAAGGCGAGUIGAGGUU ACCUGGA   AGCCAAGG 0 GGGUGGAAA   4426   CAGUUUCA GCCGAAAAGGCGAGUIGAGGUU ACCUGGA   AAACCACU 0 GGGAAAA   4428   UUUUCCCA GCCCAAAAGGCGAGUIGAAGGUU CCUGGUUU   AAACCACU 0 UAAAAUCA   4429   UUUUCCCA GCCCAAAAGGCGAGUIGAAGGUU GCCCUGG   AAACCACU 0 UAAAAUCA   4431   UUCACACG GCCCAAAAGGCGAGUIGAAGGUU GCCCUGG   AACCACCC 0 UAAAUCA   4431   UACACCC 0 GCCCAAAAGGCGAGUIGAAGGUU GCCCUGG   AAACCACU 0 UAAAAUCA   4431   UAAACCACG GCCCAAAAGGCGAGUIGAAGGUU GCCCAGAG   AAACCACU 0 UAAAAUCA   4431   AAACCACCA GCCCAAAAGGCGAGUIGAAGGUU GCCCAGAAGGCCAAAAGGCGAGUIGAAGGUU GCCCAGAAGGCCAAAAGGCGAGUIGAAGGUU GCCCAGAAGGCCAAAAGGCGAGUIGAAGGUU GCCCAGAAGGCCAAAAGGCGAGUIGAAGGUU GCCCAGAAGGCCAAAAGG	8377	UACAUUCA G UGAAUAUG	4421	GCCGAAAGGCGAGUGAGGUCU	19729
CCARGCAG G UGCUCCUM	8390		4422	GCACCUGG GCCGAAAGGCGAGUGAGGUCU UGGUCAUA	19730
AGCCARGU G CUCCUAGG   AGACARGU G CUCCUAGG   AGACARGU G CUCCUAGG   AGACARGU G CUCCUAGG   AGACARGU G CUCARAGGCGAUGAGGCU AUCUUCCU   CUCAGGCG G CGGGAAAGGCGAUGAGGCU TUCCCAGG   CUCAGGCG G CGGGGGAAAGGCGAUGAGGCU TUCCCAGG   CCCAGGGCG G CGGGGAAAGGCGAUGAGGCU TUCCCAGG   AAACCCCC G UCAGACAA   44.25   TUCCCAC GCCCAAAAGGCGAUGAGGUC CCGGGGU   AAACCCCC G UCAGACAA   44.25   TUCCCAC GCCCAAAAGGCGAGGAGGAGGACUAGGCU CCCGGGG   AAACCCCC G UCAGACAA   44.25   TUCCCAC GCCCAAAAGGCGAGGAGGAGGACUAGGCCACGGGGCGCGAAAGGCGAGGAGGAGGACGACGACG	8395	CCAGCCAG G UGCUCCUA	4423	GCCGAAAGGCGAGUGAGGUCU	19731
AGGINGAM G URAACUUG 4425   CAAGUUM GCCGAAAGGCGAGUGAGGUCH UUCCCAAG GCCGAAAGGCGAAGUGAGGUCH UUCCCAAG GCCGAAAGGCGAAGUGAGGUCH UUCCCAAG GCCGAAAGGCGAAGUGAGGUCH UUCCCAAG GCCGAAAGGCGAAGUGAGGUCH CGCCUGGGUC CCAGGGGC G UGGGAAAG GCGAAAGGCGAAGUGAGGUCH CGCCUGGGUC CCAGGGC G UGAACUCCA G UDAAAUCC 4429   UGUUCCCA GCCGAAAGGCGAAGUGAGGUCH CGCCUGGGUC CGACCCAG G CGCGAAAGGCGAAGGCGAGUGAGGUCH CGCCUGGGUC CGACCUCAG G CGCGAAAGGCGAAGGCGAGUGAGGUCH CGCCCUGG CAACCCAG G UDAAAUCC 4431   UGUUCCCA GCCGAAAGGCGAAGGCGAGUGAGGUCH CGCCCAGG CAACCACCAG G UDAAAUCC 4432   UGUUCCCA GCCGAAAGGCGAAGGCGAGUGAGGUCH CGCCUGAG CAACCACCAG G UDAAAUCC 4433   UGUUCCCA GCCGAAAGGCGAAGGCGAGUGAGGUCH CGCCCAGAG G UGAAAGCCGAAGGCGAAGGCGAAGGCGAAGGCGAAGGCGAACGGCGAAGGCCGAAGGCCAAGGCCGAAGGCCGAAGGCCGAAGGCCGAAGGCCAAGGCCAAGGCCAAGGCCAAGGCCAAGG	8397	AGCCAGGU G CUCCUAGG	4424		19732
CUUGGGAA G UGGGAACCA   44.26   UGGUUCCA GCCGAAAGGCGAGUGAAGGCGAGUCAGGUCU UUCCCAAG	8452	AGGAAGAU G UAAACUUG	4425		19733
GRANCAGIA G CGGUGGGAA   4427   UUCCCACCG GCCGAAAGGCGAGUGAGGUU CCUGGUUC   CCAGGGCG G UGGGAAAA   4428   UUUUCCAC GCCGAAAGGCGAGUGAGGUU CCUGGGUU CCUGGGCCU G UUAAAUCCA   4439   GAUUUUAA GCCGAAAGGCGAGUGAAGGUU GGCCCUGG AAACCCCU G UUAAAUCCA   4431   UUACUCACG GCCGAAAGGCGAGUGAAGGUU GGGCUUAAGU CCAACCCACA   4432   UUGACUCAC GCCGAAAAGGCGAACGAGUGAAGGUU CUGACUCA   4432   UUGACUCAC GCCGAAAAGGCGAAGGAGGAGUGAAGGUU UCACGCACA   4434   ACGUCGAA GCCGAAAAGGCGAAGGAGGAGUGAAGGUU UCACGCACA   4434   ACGUCGAA GCCGAAAAGGCGAAGGAGGAGUGAAGGUU UCACGCACA   4435   UUCACGCAC GCCGAAAAGGCGAACGAGAGGAGUCAAGGUU UCACCCACA   4434   ACGUCGAA GCCGAAAAGGCGAACGAGAGGAGUCAAGGUU UCACGCAC G CACUUAAC   4435   ACGUCGAA GCCGAAAAGGCCGAAGGAGCAGUGAAGGUU UCACGCAC G CACUUAAC   4435   ACGUCGAA GCCGAAAAGGCCGAAGGAGCAGUGAAGGUU UCACCCACA   4436   CACUCACA G CCCGAAAAGGCCGAACGAGACGAGACGA	8465	CUUGGGAA G UGGAACCA	4426	UGGUUCCA GCCGAAAGGCGAGUGAGGUCU UUCCCAAG	19734
CCARGGAGO G UGGGARARA         4128         UUUUUCCCA GCCGARAGGCGAGUGAGGUCU CGCCCUGG           AAACCCCU G CUCRAACC         4129         GAGUUGAG         GCCGARAGGCGAGUGAGGUCU UGGGUCU           AAACCCCA G UGAAAUCA         4131         UAGUUCAG         GCCGARAGGCGAGUGAGGUCU UGGGUCU           CGACUCAG G COUGAGUA         4131         UAGUUCAG         GCCGARAGGCGAGUGAGGUCU UGGAGUCU           AGUUCAGA G UGAGUACA         4132         UGAUCACA         GCCGARAGGCGAGUGAGGUCU UGGAGUCU           AGUUCAGA G UACACUCA         4133         AGUUCAGAG         GCCGARAGGCGAGUGAGGUCU UGACCCCU           AGUUCAGA G UCCACCGA         4134         AGUUCAGA G CCGARAGGCGAGUGAGGUCU UGACCCCU         AGUUCAGA           UCCACCGA         4136         UCGUGGUG         GCCGARAGGCGAGUGAGGUCU UGACCCCU           UCCACCGA         4136         UCGUGGUG         GCCGARAGGCGAGUGAGGUCU UGCACCCC           UCCACCGA         4136         UCGUGGUG         GCCGARAGGCGAGUGAGGUCU UGCACCCC           UCCACGGA         4137         CAUCAUAA         GCCGARAGGCGAGUGAGGUCU UGCCCCCC           UCCACGACA         4141         UCGUGGG         GCCGARAGGCGAGUGAGGUCU UGCCCCCCCCC           GUCCACCAGA         4142         CCUGUGGG         GCCGARAGGCGAGUGAGGUCU UGCCCCCCCCCCCCCCCCCCCCCC	8476	GAACCAGG G CGGUGGGA	4427	UCCCACCO GCCGAAAGGCGAGUGAGGUCU CCUGGUUC	19735
AAACCCCU G CUCAACUC         4129         GAGUUGAG           AGACACCCU G CUCAAAUCA         4430         UGAUUUAA           GCACUCAG G UBAABUCA         4431         UUACUCAG           ACACUCCAG G UBAABUCA         4431         UUACUCAG           ACUCAGG G UGAGUACA         4431         UUACUCAG           ACUCAGG G UGAGUACA         4431         UUACUCAG           ACUCAGG G UGAGUACA         4433         UUACUCAG           AGUUGACA         4433         GUAACUCA           AGUUGACA         4434         ACGUCAGAAGGCGAGUAGAGCCAGUACACCAC           AGUUCAGAC         4434         ACGUCACAAGGCCAGUAGAGCCAGUACACCAC           AGUUCAGAC         4434         ACGUCACAAGGCCAAGUAGACCAGUACACCAC           AGUUCAGAC         G CACCACACAG         4434           CUANACAC         G CACCACACAG         4434           CUANACAC         G CCCAACAGG           UCAGCGCA         GUACAACAG           UCACAGGA         GCCCAACAGG           UCACAGGA         GUACAACAG           UCACAGGA         GCCCAAAAGGCCAAGUAGAGCACACAGAGACACACACACA	8479	CCAGGGCG G UGGGAAAA	4428	UUUUCCCA GCCGAAAGGCGAGUGAGGUCU CGCCCUGG	19736
AGACACCA G UAAAAUCA	8493		4429	GCCGAAAGGCGAGUGAGGUCU	19737
CORCURAGO G COUGADURA         4431         UNCUCACIG GCCGANAGGCGAGUGAGGUCU CUGAGUCG           ACUCLAGGC G UGAGUACA         4432         UUUACUCAG GCCGANAGGCGAGUGAGGUCU CUCAGGCU           AGGCGUGA         4434         ACAUCHAGG           AGGCGUGA         4434         ACAUCHAG           AGGCGUGA         4434         ACAUCHAG           AGGCGUGA         4434         ACAUCHAG           AGUCGAC         4434         ACAUCHAG           AGUCGAC         4435         ACAUCHAG           AGUCGAC         GAGUUACA         4436           UCACGGCA         4436         UCGUGGUG           UCACGGCA         4436         CAUCHAUA           CUCACGGA         4437         CAUCHAUA           GUALALIDA         GCCGAAAGGCGAGUGAGGUC         CACGUCGA           GUALALIDA         GCCCAAAGGCCGAGUGAGGCAC         ACAGCACA           GAULALIDAA         GCCCAAAGGCCGAGUGAGGCAC           GAULALIDAA         GCCCAAAAGGCCGAGUGAGGCAC           GACCACAG         GUCCGCCA         4441         UCCAGGAGCAGCAGAGGAGGACAC           GCCCACAG         GUCCGCCCA         4441         UCCAGGAGCAGCAGAGGACAC           GCCCACAG         GUCCGCCA         4442         CCCAGGAGCAGCAGAGCACACAGACACACACACACACAC	8510		4430	UGAUTUUA GCCGAAAGGCGAGUGAGGUCU UGGUGUCU	19738
ACUCAGGE G UDAGUIACA   4432	8541	свасисав в свивавия	4431	GCCGAAAGGCGAGUGAGGUCU	19739
AGGCOUGH G UNCAGUUC         4434         AGGUCGAA GCCGAAAGGCCAGUGAGGUCU UCACGCCU           UUGAGUUCA         4434         AGGUCGAA         4635         UUGAGGUG         AGGUCGAA         4436         UUGAGGUG         AGGUCGAA         4436         UUCGAGGUG         AGGUCGAA         4436         UUCGAGGUG         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCGAAAAGGCCAAGUGAGGUCU         AGGUCACAAAAGGCCAAGUGAGGUCU         AGGCCAAAAAGGCCAAGUGAAGGCCAAGUGAAAAAAAAAA	8543	ACUCAGGC G UGAGUACA	4432	UGUACUCA GCCGAAAGGCGAGUGAGGUCU GCCUGAGU	19740
UGAGUACA G UUCGACGH   4435   UGGUGCCA GCCGAAAGGCGAGUGAGGUCU UGUACUCA     AGUUCGAC G UGGCACCA   4435   UGGUGCCA GCCGAAAGGCGAGUGAGGUCU GUCGAACU GUCGAAAGGCGAGUGAGGUCU UUCCCGUCA GUUAUGAAU G UUAAGACC   4435   GGGCUUCA GCCGAAAGGCGAGUGAGGUCU UUCCCACUG GUCCACACG G CUCCGCCA   4441   UGGCGGAA GCCGAAAGGCGAGUGAGGUCU UUCCCACUG G CUCCGCCA GUCGACC G CCCGAAAGGCGAGUGAGGUCU UUCCCACUG G CUCCGCCA GUCGACCACG G CUCCGCCA GUCGAACGCGCAGUGAGGUCU UUCCCACG G CUCCGCCA GUCGAACGCGCAGUGAGGCCAGUGAGGCCACUGA GCCCACACG G CUCCGCCA GUCGACA GCCGAAAGGCCGAGUGAGGUCU UUCCCACG G CUCCGCCA GUCGACACGCAA GCCGAAAGGCCGAGUGAGGUCU UUCCCACG G CUCCGCCA GUCGACACGCAA GCCGAAAGGCCGAGUGAGGUCU UUCCCACG G CUCCGCCA GUCCACACG G CUCCGCCA GUCCACACGCA GCCGAAAGGCCGAGUGAGGUCU UUCCACUGA G UCCACCACAG G UUCCACCACG G CUCCACACG G CUCCACACG G CCCACACAGGCCAGUGAGGCCAGUGAGGUCU CACUCCAC G UUCCACACA G UGGCCCACA GCCGAAAGGCCGAGUGAGGUCU CACUCCAC G UUCCACACA G UGGCCCACA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCA GCCGAAAGGCCAAGUGAGGCCA GCCGAAAGGCCGAGUGAGGCCACCCCACACGCACACGCACACGCCACACGCCCACACCCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACGCCACACCCCCACACCCCACACGCCACACGCCACACGCCACACGCCACACGCCACACCCCCACACCCCACACCCCCACACCCCCACACCCC	8547		4433	GAACUGUA GCCGAAAGGCGAGUGAGGUCU UCACGCCU	19741
MAUUCGAAC G UGGCAACCA   4435   UGGUGGCCA GCCGAAAGGCGAGUGAGGUCU GUCGAACCU UCAACGUG G CACACACCAA   4436   UCGUGGUG GCCGAAAGGCGAGUGAGGUCU CACGUGGA   4437   CAUAACUG GCCGAAAGGCGAGUGAGGUCU UCCCGUGA   4439   GAUCAUCA GCCGAAAGGCGAGUGAGGUCU UCCCGUGA   4440   CACGGAAAGGCGAGUGAGGCGAGUGAGGUCU UCCCGUGA   4440   CACGGAAAGGCGAGUGAGGUCU UCCCGUGA   4441   UGGCGGAA GCCGAAAGGCGAGUGAGGUCU UCCCGUGA   4441   UGGCGGAA GCCGAAAGGCGAGUGAGGUCU UCCCGUGA   4442   CCCGGAAGGCGAGUGAGGUCU UCCCGUGA   4444   UUGACCGA GCCGAAAGGCGAGUGAGGUCU UCCCGUGA GCCCGAAAGGCCGAGUGAGGUCU UCCCGUGA G CCCGAAAGGCCGAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGUGAGGCCAGAGGCCAGUGAGGCCAGUGAGGCCAG	8552		4434	ACGUCGAA GCCGAAGGCGAGGGGCU UGUACUCA	19742
UCGACGUG G CACCACGA         4436         UCGUGGUG GCCGAAAGGCGAGUGAGGUCU CACGUCGA           UCANCACG G CAGUUAUG         4437         CAUDAUCA         GCCGAAAGGCGAGUGAGGUCU CACGUCAAGGCGAGUGAGGUCU CACGUCAAGGCGAGUGAGGUCU CACGUCAAGGCGAGUGAGGUCU CACGUCAAGGCCGAGUGAGGUCU GACGUCAAGGCCGAGUGAGGUCU CACGUCAAGGCCGAGUGAGGUCU AUCAUAACGCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCGAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUCAGGUCU CACGCCAAGGCCGAGUGAGGUCU CACGCCAAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCCAAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCGAGUCAGGUCU CACCCCACAGGCCGACGUCAGGUCU CACCCCACAGGCCGACGUCAGGUCU CACCCCACAGGCCGACGUCAGGUCU CACCCCACAGGCCGACGUCAGGUCU CACCCCACAGGCCGACGUCACGUC	8559	AGUUCGAC G UGGCACCA	4435	GCCGAAAGGCGAGUGAGGUCU	19743
CURNICACG         G CAGUNAUG         4437         CAUDACCUG         GCCGAAAGGCGAGUGAGGCUCU CGUGAUAG           UCACGGCA         UUAGGGCA         4438         CAUCAUDA         GCCGAAAGGCGAGUGAGGCUCU CAUCAUDA           GUUGUGAA         GCCGAAAGGCGAGUGAGGUCU AUCAUDA         GCCGAAAAGGCGAGUGAGGUCU AUCAUDA           GUUGUGAA         4441         UGGCGGAG         GCCGAAAAGGCGAGUGAGGUCU AUCAUDA           GCCCACAG         G CUCCGCCA         4442         CGAACUGG         GCCGAAAAGGCGAGUGAGGUCU AUCAUCA           GCCCACAG         G UUCGCUGG         4442         CGAACUGG         GCCGAAAAGGCGAGUGAGUCU CUGAGCCUG           CUCCGCCA         G UUCGCUGG         4444         UUGAACUGG         GCCGAAAAGGCGAGUGAGGUCU CUGAGCCUG           GCCAGUUCG         G UUCGCUGG         4444         UUCAUUGA         GCCGAAAAGGCCAGUGAGGUCU CACGAGAG           GCCAGUUCG         G UUGGUCAA         4444         UUCAUUGA         GCCGAAAAGGCCAAGUGAGUCU CACGAGAG           GCCAGUUCG         G UUGGUCAA         4444         UUCAUUGA         GCCGAAAAGGCCAAGUGAGUCU CACCAGAGACGCAGUGAGACUCU           GUCGACAGUUC         G UUGGUCAA         4444         UUCAUUCAA         GCCGAAAAGGCCAAGUGAGUCU         CACCAGAA           GUCGACAGU         G UCAGCACAC         GCCGAAAAGGCCAAGUGAGACUCU         CACCCACACA         GCCGACAAAGGCCAAGUGACACUCACACACACACACACAC	8562	Ø	4436		19744
UCACGGCA G UDAUGANG         4438         CAUCAUNA GCGAAAGGCGAGUGAGGUCU UGCCGUGA           GUUBUIGAU G UGAAGCCC         4439         GGGCUUCA GCGAAAGGCGAGUGAGGUCU UUCACAUC           GAUGUIGAA G CCCACAGG         4441         CCUGUGGG         GCGAAAAGGCGAGUGAGGUCU UUCACAUC           GCCCACAG         CCCACAGG         4441         UGGCGGAG         GCGAAAAGGCGAGUGAGGUCU UUCACAUC           GCCCACAG         CCCAGUCG         4442         CCAGACUGG         GCCGAAAGGCGAGUGAGGUCU UUCACAUC           CUCCGCCA         UUCGCCA         4444         UCCAUUCG         GCCGAAAGGCGAGUGAGGUCU UUCACAUC           GCCGAUUC         G CUGGUCAA         4445         UCCAUUCAG         GCCGAAAGGCGAGUGAGGUCU CAGCGAG           GUCACUCAG         U UCACAUGA         4445         UCCAUUCAG         GCCGAAAGGCGAGUGAGGUCU CAGCGAAACGCCGAGUCACAUCACA	8606	Ð	4437	CAUPACUG GCCGAAAGGCGAGUGAGGUCU CGUGAUAG	19745
GUIDADIGAN         G UGAAGCCC         4439         GGGCUUCA GCGAAAGGCGAGGGGUGAAGGCGACUGAGGUCU VUCACAUC           GAUGUGAA         G CCCACAGG         4441         UGGCGGAG         GCCGAAAGGCGAGGGGCU         UUCACAUC           GCCCACAG         G CCCACAGG         4441         UGGCGGAG         GCCGAAAGGCGAGGGGCU         UUCACAUC           CCAGGUCC         C CCAGGUCG         4442         CGAACUGG         GCCGAAAGGCGAGGGCU         UUCACAUC           CUCGCCCA         G UUCACUGG         4443         CCGAACGGGG         GCCGAAAGGCGAGGGCU         UGGCGGAG           GCCAGUUC         G CGGGCAAAGGCGAGGGGCU         UCCACCAG         GCCGAAAGGCGAGGGCU         UCCACCAG           GUCAGCUC         G UGGCCAAAGGCGAGGGGCU         UCCACAGAC         GCCGAAAGGCGAGGGCCAAAGGCCGAACGCGAAA           UCAAUGGA         G UCAGCACA         4445         UUCAAUGGA         GCCGAAAGGCGAGGAGCCAAACGCCAAACGCCAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAACGCCAAAAACCAAAAACCAAAAAA	8609	UCACGGCA G UUAUGAUG	4438	CAUCAUAA GCCGAAAGGCGAGUGAGGUCU UGCCGUGA	19746
GANGUGAA         6 CCUGUGGG G CCGAAAGGCGAGUGAGGUCU UUCACAUC           GCCCACAG         4141         UGGCGGAG GCCGAAAGGCGAGUGAGGUCU UUCACAUC           GCCCACAG         6 CUCGGCCA         4142         CGAACUGG GCCGAAAGGCGAGUGAGGUCU UUCACUGG           CUCCGCCA G UUCGCUGG         4143         CCAGCGAA GCCGAAAGGCGAGUGAGGUCU GGAGCUGG           GUCCGCCA G UUCGCUGG         4144         UUCACUGGA GCCGAAAGGCGAGUGAGGUCU UGGCGAGG           GUCCGCCA G UUCGCUGG         4144         UUCAUUGA GCCGAAAGGCGAGUGAGGUCU UGGCGAAC           GUUCGCUG G UCAAUGGA         4144         UUCAUUGA GCCGAAAGGCGAGUGAGGUCU UGCCAUUGA           GUUCGCUG G UCAAUGGA         4144         UCCAUUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUCA         4144         UUCACUGAG GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUCA         4144         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUCA         4144         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUCA         4144         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGCUG         UUCACGACA         4144         GAGCCUGA GCCGAAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGCUGA         UUCACGACA         4144         GAGCCUGA GCCGAAAAGGCGAGUGAGGUCU CUGACAAAGGCGAGUGAGGACA           AUCACGAGA         CCAUCGCAAAAGGCGAGUGAGGACACAAAGGCGAGAGUAGACAAAAAAAA	8617		4439	GGGCUUCA GCCGAAAGGCGAGUGAGGUCU AUCAUAAC	19747
GCCCACAG         G CCCACAG         4441         UGGCGGAG         GCCCACAG         GCCCACAG         GCCGAGAG         GCCGAGAGGGCGAGGGGCGAGGGGCC         CUGUGGGC         GCAGGUCC         GCAGGAG         GCCAGUCC         GCAGGAC         GCAGGAG         GCCGAAAGGCGAGGGACC         GCAGGAGC         GCCAGUCC         GCAGGAGC         GCCGAAAGGCGAGGGACC         GCAGGAGC         GCCGAAAGGCGAGGGACC         GAGCGAGC         GCCGAAAGGCGAGGGACC         GAGCGAAC         GCCGAAAGGCGAGGGACC         GAGCGAAC         GCCGAAAGGCGAGGGACC         GAGCGAAC         GCCGAAAAGGCGAGGGACC         GACCGAACC         GCCGAAAAGGCGAGGACC         GACCGCAACAGGCAACAGGACC         GACCGCAACAGGACC         GACCGAAAAGGCGAGGACC         GACCCAACAGACCA         GACCCAACAGACA         GACCCAACAGACACA         GACCCAACAGACACACACACACACACACACACACACACA	8622	O	4440	CCUGUGGG GCCGAAAGGCGAAGGGUCU UUCACAUC	19748
CAGGCUCC         G CCAGUUCG         4442         CGAACUGG         GCCGAACGG         GCCGAACGGCAGUGAGGUCU         GAAGCGGA           CUCCGCCA         G UUCGCUGA         4444         UUGACCGAA         GCCGAAAGGCGAGUGAGGUCU         UGGCGAGUGAGGUCU         UGGCGAGU         GCCGAAAGGCGAGUGAGGUCU         UGGCGAAC         GCCGAAAGGCGAGUGAGGUCU         GAACUGGC         GCCGAAAGGCGAGUGAGGUCU         GAACUGGC         GCCGAAAGGCGAGUGAGGUCU         CAGCGAAC         GCCGAAAGGCGAGUGAGGUCU         CAGCGAAC         GCCGAAAGGCGAGUGAGGUCU         CCACUCAU         GAGCCUGA         GCCGAAAAGGCGAGUGAGGUCU         CCACCCAU         GAGCCUGA         GCCGCUGAAAGGCCAGUGAGGUCU         GCCCCACCAU         GAGCCCAC         GCCGCUGAAGCGCAGUGAGGUCU         GCCCCCAUCAG         GCCCGAAAAGGCCAGUGAGGUCU         GCCCCCAUCAG         GCCCCCAUCAG         GCCCCCACACAGCACACACACACACACACACACACACAC	8630	ט	4441		19749
CUCCGCCA G UUCGCUGG         4443         CCAGCGAA GCCGAAAGGCGAGUGAGGUCU UGGCGAGG           GCCAGUUC G CUGGUCAA         4444         UUGACCAG GCCGAAAGGCGAGUGAGGUCU GAACUGGC           GUUCGCUG G UCAAUGGA         4445         UCCAUUGA GCCGAAAGGCGAGUGAGGUCU CAGCGAAC           GUUCGCUG G UCAAUGGA         4446         UCCAUUGA GCCGAAAGGCGAGUGAGGUCU CCAUUGA           AUGGAGUG G UCAGGCUC         4448         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGUCAG G UCACCCC         4448         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CCAUUGA           GUGGUCAG G CCCCAAAGGCGAGUGAGGUCU AUUCGUGA         CCACCAUG G CCACCAUG GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CACCAGG         4450         AGUCGUG GCCGAAAGGCGAGUGAGGUCU CAUGGUGA           CCACCAUG G CACCAGG         4451         AGUCGUG GCCGAAAGGCGAGUGAGGUCU CAUGGUGA           CCACCAUG G CACCAGG         4451         AGUCGUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCCAGG         GCCGUGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCCAGG         GCCGUGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA           GGGCCAGG         GCCGUGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA           GGGCCAGG         GCCGUGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA           GGGCCAGAAAGGCGAGUGAGGUCU UGCCCGAA         GAGCCAGAAAGGCCAAGUGAGGUCU UCCCCAAAAGGCCAAGUGAGGCCU UCGCCGAAAAGGCCAAGUGAGGCCU UCGCCGAAAAGGCCAAGAGCCAAGAAGAAGAAGAAAAGAAAAAA	8635	CAGGCUCC G CCAGUUCG	4442	CGAACUGG GCCGAAAGGCGAGUGAGGUCU GGAGCCUG	19750
GCCAGUUC G CUGGUCAA         4444         UUGACCAG GCCGAAAGGCGAGUGAGGUCU GAACUGGC           GUUCGCUG G UCAAUGGA         4445         UCCAUUGA GCCGAAAGGCGAGUGAGGUCU CAGCGAAC           UCAAUGGA G UCAGGCUC         4446         CCUGACCA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUG G UCAGGCUC         4448         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           GUGGUCAG G CUCCUCUC         4449         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CAUCGUGA           UCACCANG G CUCCUCUC         445         GAGCGUGA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CACCAGG         4450         AGUCCUC           CCACCAUG G CACCAGG         4450         AGUCGUG           CCCUUCGG G CACCAGG         4451         CGCUGCUG           CCCUUCGG G CAGCAGG         4452         AGUCGUG           CCCUUCGG G CAGCAGGU         4451         AGUCGUG           CCCUUCAGA G CAGCAGGU         4452         ACUCGCUG           GGGCCAGAAAGGCGAGUGAGGUCU         TACCCAAAAGGCGAGUGAGGUCU           GGGCAGCA         GCCGAAAAGGCGAGUGAGGUCU           GGGCAGCA         GCCCGAAAAGGCCAACUGACCUCAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGGCCAAAAGAAAAAA	8639	cuccecca e uncecuee	4443	CCAGCGAA GCCGAAAGGCGAGUGAGGUCU UGGCGGAG	19751
GUUCGCUG G UCAAUGGA         4445         UCCAUUGA GCCGAAAGGCGAGUGAGGUCU CAGCGAAC           UCAAUGGA G UCAGGCUC         4446         CCUGACCA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUG         G UCAGGCUC         4448         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CACUCCAU           GUGGUCAG         GCCGAAAGGCGAGUGAGGUCU CACUCCAU         GAGAGGAC         4459         GAGAGGAG           CCACCAUG         CCACCAUG         GCGGGAAAGGCGAGUGAGGUCU AUUCGUGA         CCACCAUG         GCGGGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG         CCACCAUG         GCCGGCUG         GCCGAAAGGCGAGUGAGGUCU CAUGGUGA         GCCGCGCUG           CCCUUCGG         CAGCGAGU         4450         AGUCGUG         GCCGAAAGGCGAGUGAGGUCU CAUGGUGA           CCCUUCGG         CAGCGAGU         4451         AGUCGUG         GCCGAAAGGCGAGUGAGGUCU UCCCGAA           GGGCAGCA         GAGCGCUG         GCCGAAAGGCGAGUGAGGUCU UCCCGAA         GCCGAAAGGCGAGUGAGGUCU UCCCGAA           GGGCAGCA         GAGCCGAG         GCCGUGCUG         GCCGAAAGGCGAGUGAGGUCU UCCCGAA           GGGCAGCA         GCCGUGCUG         GCCGAAAGGCGAGUGAGGUCU UCCCCGAA         GCGCGCUG           GGGCAGCA         GCAGCAGCUG         GCCGAAAGGCGAGUGAGGUCU UCCCCGAA         GCGCGCUG           GGGCAGCAG         GCAGCAGCUG         GCCGAAAGGCGAGUGAGGUCU UCCCCCAA         GCCCGAAGGCCCCCCCCAA     <	8643	ø	4444	UDGACCAG GCCGAAAGGCGAGUGAGGUCU GAACUGGC	19752
UCAAUGGA G UGGUCAGG         4446         CCUGACCA GCCGAAAGGCGAGUGAGGUCU UCCAUUGA           AUGGAGUG G UCAGGCUC         4447         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CACUCCAU           GUGGUCAG G CUCCUCUC         4448         GAGAGGAG         GCCGAAAGGCGAGUGAGGUCU CAUCCAU           UCACGAAU G UUACCACC         4449         GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CAUGACU         4450         AGUCGUG         GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           CCCUUCGG G CAGCAGG         4451         CGCUGCUG         GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           UUCGGGCA G CAGCAGU         4452         AGUCGUG         GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CAGCAGU         4453         AACACUCG         GCCGAAAGGCGAGUGAGGUCU UCCCGAA           AGCAGCAG         GCAGAAAGGCGAGUGAGGUCU UCCCGAA         GCGCAAAAGGCGAGUGAGGUCU UCCCGAA         GCCGAAAGGCGAGUGAGGUCU UCCCCGAA           AGCAGCAG         GCAGCAGAG         GCCGAAAAGGCGAGUGAGGUCU UCCCCGAA         GCCCGAAAGCCGAGUGAGGUCU UCCCCGAA           AGCAGCAGU         GUCUUCAAAG         ATES         ACUCGCUG         GCCGAAAAGGCGAGUGAGGUCU UCCCCGAA           AGCAGAGU         GUCUUCAAAGA         4454         ACUCGCUG         GCCGAAAAGGCGAGUGAGGUCU UCCCCGAA           AGAGCAGU         GUCUUCAAAGA         ATES         ACUCGCUG         GCCGAAAAGGCCAGUGAGGUCU UCCCCGAA	8647	GUUCGCUG G UCAAUGGA	4445	UCCAUUGA GCCGAAAGGCGAGUGAGGUCU CAGCGAAC	19753
AUGGAGUG G UCAGGCUC         4447         GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CACUCCAU           GUGGUCAG G CUCCUCUC         4448         GAGAGGAG GCCGAAAGGCGAGUGAGGUCU CUGACCAC           UCACGAAU G UUACCACC         4449         GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CANGAGC         4450         AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           CCCUUCGG G CAGCAGC         4451         AGUCGCUG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           UUCGGGCA G CAGCAGU         4452         ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CAGCAGU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           AGCAGCAG G UGUCAAA         4454         AACACUCG GCCGAAAGGCGAGUGAGGUCU UCGCGAA           AGCAGCAG G UGUCAAAGGCGAGUGAGGUCU UCGCUGAAAGGCGAGUGAGGUCU UCGCUGCUGAAAGCGCAAAAGGCGAGUGAGGUCU UCGCUGCUGAAAGCGCAAAAGGCGAGUGAGGUCU CUUCGUGU         AACACGAAAAGAAGAAAGAAAGAAAGAAAAAAAAAAAA	8656		4446	<b><i>вссвалавесвавивавенси</i></b>	19754
GUGGUCAG G CUCCUCUC         4448         GAGAGGAG GCCGAAAGGCGAGUGAGGUCU CUGACCAC           UCACGAAU G UUACCACC         4449         GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CAUGACU         4450         AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGA           CCCUUCGG G CAGCAGC         4451         CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           UUCGGGCA G CAGCAGU         4452         ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CAGCAGU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           AGCAGCAG G UGUCAAA         4454         UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGA           AGCAGCAGU G UCCAAAAGGCGAGUGAGGUCU UCGCUGCUG         ACCCGAAAAGGCGAGUGAGGUCU UCGCUGCUG           AACACGAAA G UGGACACG         CGUGUCCA GCCGAAAAGGCGAGUGAGGUCU CUUCGUGU           AACACGAAA G CUCCUGAA         GCGUGUCCA GCCGAAAAGGCGAGUGAGGUCU UUUCGUGU	8659		4447	GAGCCUGA GCCGAAAGGCGAGUGAGGUCU CACUCCAU	19755
UCACGAAU G UUACCACC         4449         GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA           CCACCAUG G CCAUGACU         4450         AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           CCCUUCGG G CAGCAGCG         4451         CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG           UUCGGGCA G CAGCGAGU         4452         ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CAGCGAGU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           AGCAGCAA G UGUCAAA         4454         UUUGAACA GCCGAAAAGGCGAGUGAGGUCU UCGCUGCU           CAGCGAGU G UCCAAAAGGCGAGUGAGGUCU UCGCUGCU         AGAGCGAGU         GCCGAAAAGGCGAGUGAGGUCU CUCCCUGA           AAGAGAAG G UGGACACG         4455         UCUUUGAA GCCGAAAAGGCGAGUGAGGUCU CUUCCUCU         ACACGAAA           AAGAGAAA G UGGACACG         GCGGUCCA GCCGAAAAGGCGAGUGAGGUCU UUUCGUGU         ACACGAAA         ACACGAAAAGGCGAGUGAGGUCU UUUCGUGU	8664	ס	4448	GAGAGGAG GCCGAAAGGCGAGUGAGGUCU CUGACCAC	19756
CCACCAUG G CAUGACU         4450         AGUCAUGG G CCGAAAGGCGAGUGAGGUCU CAUGGUGG           CCCUUCGG G CAGCAGCG         4451         CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CCGAAAGGC           UUCGGGCA G CAGCGAGU         4452         ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CAGCGAGU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCUGCU           AGCAGCGA G UGUCAAA         4454         UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU           CAGCGAGU G UCCAAAAGA GCCGAAAAGGCGAGUGAGGUCU CUUCGCUG         AAGAGAAA G CUCCUGAA         4455           AAGAGAAA G UGGACACG         4456         CGUGUCCA GCCGAAAGGCGAGUGAGGUCU UUUCGUGU           AACACGAAA G CUCCUGAAA         GCCCAAAAGGCGAGUGAGGUCU UUUCGUGU	8698		4449	GGUGGUAA GCCGAAAGGCGAGUGAGGUCU AUUCGUGA	19757
CCCUUCGG G CAGCAGCG         4451         CGCUGCUG GCCGAAAGGCGAGUGAGGUCU CCGAAGGG           UUCGGGCA G CAGCGAGU         4452         ACUCGCUG         GCCGAAAGGCGAGUGAGUCU UGCCGAAA           GGGCAGCA G CGAGUGUU         4453         AACACUCG         GCCGAAAGGCGAGUGAGGUCU UGCCCGAAAAGGCGAGUGAGGUCU UGCUGCC           AGCAGCAA G UGUUCAAA         4454         UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU           AAGAGAAA         G UGCAAAAGA         4455         CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU           AAAAGAAAA         G UGCCUGAA         4456         CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU	8710	o	4450	AGUCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGGUGG	19758
UUCGGGCA G CAGCGAGU         4452         ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCGAA           GGGCAGCA G CGAGUGUU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCUGCCC           AGCAGCAA G UGUUCAAA         4454         UUUUGAACA GCCGAAAGGCGAGUGAGGUCU UGCUGCU           CAGCGAGU G UUCAAAGA         4455         UCUUUGAA GCCGAAAGGCGAGUGAGGUCU ACUCGCUG           AAGAGAAA G UGGACACG         4456         CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU           ACACGAAA G CUCCUGAA         4457         UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	8736	Ø	4451		19759
GGGCAGCA G CGAGUGUU         4453         AACACUCG GCCGAAAGGCGAGUGAGGUCU UGCUGCCC           AGCAGCGA G UGUUCAAA         4454         UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU           CAGCGAGU G UUCAAAGA         4455         UCUUUGAA GCCGAAAGGCGAGUGAGGUCU ACUCGCUG           AAGAGAAA G UGGACACG         4456         CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU           ACACGAAA G CUCCUGAA         4457         UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	8739	UUCGGGCA G CAGCGAGU	4452	ACUCGCUG GCCGAAAGGCGAGUGAGGUCU UGCCCGAA	19760
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CAGCGAGU G UUCAAAGA 4455 UCUUUGAA GCCGAAAGGCGAGUGAGGUCU ACUCGCUG AAGAGAAA G UGGACACG 4456 CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU ACACGAAA G CUCCUGAA 4457 UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	8746		4454	UUUGAACA GCCGAAAGGCGAGUGAGGUCU UCGCUGCU	19762
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ACACGAAA G CUCCUGAA 4457 UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	8761	O	4456	CGUGUCCA GCCGAAAGGCGAGUGAGGUCU CUUCUCUU	19764
	8773	ا ق	4457	UUCAGGAG GCCGAAAGGCGAGUGAGGUCU UUUCGUGU	19765

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8794	O	4459	GIACITICA GCCCAAAGGCCAAGIGAGGCCI IIICITICATICATICATICATICATICATICATICATIC	10767
8799	O	4460		19768
8803	O	4461	GCCGAAAGGCGAGIIGAGGIIGA	10760
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8893	UAAGAAAG G UCAACAGC	4471	асталлая ассальнаессянняя спилстия	19779
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8959		4481	UNCAACUG GCCGAAAGGCGAGUGAGGUCU UUCUCUGG	19789
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8989	ซ	4483	CUCAUCCA GCCGAAAGGCGAGUGAGGUCU CAUCUCCC	19791
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9098	٥	4492	UGGCUCUG GCCGAAAGGCGAGUGAGGUCU UUCCCUUG	19800
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9111	o	4494		19802
9117	ס	4495	CCGAGCCA GCCGAAAGGCGAGUGAGGUCU AUGAACCA	19803
9120	v	4496		19804
9127	GGCUCGGA G CUCGCUUT	4497	THE PERSON NAMED AND PERSON NAMED TO BE A PERSON NA	

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9205	ט	4504	GCCCUCGA GCCGAAAGGCGAGUGAGGUCU ACCUCCUC	19812
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9218	Ö	4506	UUUGGAGG GCCGAAAGGCGAGUGAGGUCU CCAAGCCC	19814
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9308	O	4517	UCGUGAUG GCCGAAAGGCGAGUGAGGUCU GGGUGUCC	19825
9319	이	4518		19826
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	U	4535	AUCAGCAG GCCGAAAGGCGAGUGAGGUCU CGGGCGCA	19843
1	ס	4536	UCCAUCAG GCCGAAAGGCGAGUGAGGUCU AGCCGGGC	19844
9454	GAAGAACC G UCAUGGAU	4537	AUCCAUGA GCCGAAAGGCGAGUGAGGUCU GGUUCUUC	19845

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9491	ø	4539	CUUGUCCA GCCGAAAGGCGAGUGAGGUCU UCCCCCUC	19847
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9670	O	4555		19863
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9871	CACUGGUG G UUCCAUGC	4577	GCAUGGAA GCCGAAAGGCGAGUGAGGUCU CACCAGUG	19885

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9878	GGUUCCAU G CCGAGGAC	4578	GUCCUCGG GCCGAAAGGCGAGTGGAGGTCU AUGGAACC	19886
9898	AUGAAUUG G UAGGCAGA	4579	UCUGCCUA GCCGAAAGGCGAGUGAGGUCU CAAUUCAU	19887
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9978	Ö	4591	AGCAGCCA GCCGAAAGGCGAGUGAGGUCU AUCUGGGC	19899
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10042	gancagan a nacanana	4601		19909
10048		4602	CCAAUUCA GCCGAAAGGCGAGUGAGGUCU AGGGACAG	19910
10057	٥ļ	4603		19911
10077		4604	AUGGACCA GCCGAAAGGCCAAGUGAGGUCU GUGGUUCU	19912
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10238	CUGGUGUG G CAGCCUGA	4617	UCAGGCUG GCCGAAAGGCGAGUGAGGUCU CACACCAG	19925

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10241	GUGUGGCA G CCIRAING	461B	CAMITOR GOOGLABACOCACHITICAL TOTAL T	10026
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10556	UGCUGCCU G CGACUCAA	4657	UUGAGUCG GCCGAAAGGCGAGUGAGGUCU AGGCAGCA	19965

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10610	CCAUGUAA G CCCUCAGA	4663	UCUGAGGO GCCGAAAGGCCGAGGUCU UUACAUGG	19971
10622	UCAGAACC G UCUCGGAA	4664	UUCCGAGA GCCGAAAGGCGAGUGAGGUCU GGUUCUGA	19972
10645	CCCCACAU G UUGUAACU	4665	AGUUACAA GCCGAAAGGCGAGUGAGGUCU AUGUGGGG	19973
10648	O	4666	UGAAGUUA GCCGAAAGGCGAGUGAGGUCU AACAUGUG	19974
10659	ט	4667	ACAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUGAAGU	19975
10666	ט	4668	UGGUCUGA GCCGAAAGGCGAGGUCU AUUGGGCU	19976
10676	CAGACCAC G CUACGGCG	4669	CGCCGUAG GCCGAAAGGCGAGUGAGGUCU GUGGUCUG	19977
10682	ACGCUACG G CGUGCUAC	4670	GUAGCACG GCCGAAAGGCGAGUGAGGUCU CGUAGCGU	19978
10684		4671	GAGUAGCA GCCGAAAGGCGAGUGAGGUCU GCCGUAGC	19979
10686	٥	4672	CAGAGUAG GCCGAAAGGCGAGUGAGGUCU ACGCCGUA	19980
10694	O	4673	ACUCUCCG GCCGAAAGGCGAGGGGCU AGAGUAGC	19981
10701	v	4674	AGACUGCA GCCGAAAGGCGAGGUGAGGUCU UCUCCGCA	19982
10703		4675	GCAGACUG GCCGAAAGGCGAGUGAGGUCU ACUCUCCG	19983
10706	Ö	4676	AUCGCAGA GCCGAAAGGCGAGUGAGGUCU UGCACUCU	19984
10710	O	4677	CACUAUCG GCCGAAAGGCGAGUGAGGUCU AGACUGCA	19985
10716	ច	4678	CUGGGGCA GCCGAAAGGCGAGUGAGGUCU UAUCGCAG	19986
10718		4679	UCCUGGGG GCCGAAGGCGAGGUCU ACUAUCGC	19987
10734	σĺ	4680		19988
10744	ט	4681	UUGGUUUG GCCGAAAGGCGAGUGAGGUCU CUUUGUUA	19989
10754		4682		19990
10761	ט	4683	UAGGGCCG GCCGAAAGGCGAGUGAGGUCU GUGGGGCG	19991
10764	ଠ	4684	GGCUAGGG GCCGAAAGGCGAGUGAGGUCU CGCGUGGG	19992
10770		4685	UACCGGGG GCCGAAAGGCGAGUGAGGUCU UAGGGCCG	19993
10776		4686		19994
10782	CGGUAAUG G UGUUAACC	4687	GGUUAACA GCCGAAAGGCGAGUGAGGUCU CAUUACCG	19995
10784		4688	CUGGUUAA GCCGAAAGGCGAGUGAGGUCU ACCAUUAC	19996
10794		4689	UCCUTUCG GCCGAAAGGCGAGUGAGGUCU CCUGGUUA	19997
10809		4690	UCCUCUAA GCCGAAAGGCGAGUGAGGUCU CUCUAGUC	19998
10824	GAGACCCC G CGGUUUAA	4691	UNAAACCG GCCGAAAGGCGAGUGAGGUCU GGGGUCUC	19999
10827		4692	ACUUDAAA GCCGAAAGGCGAGUGAGGUCU CGCGGGGU	20000
10834		4693	GCCGUGCA GCCGAAAGGCGAGUGAGGUCU UUUAAACC	20001
10836	UUUAAAGU G CACGGCCC	4694	GGGCCGUG GCCGAAAGGCGAGUGAGGUCU ACUUUAAA	20002
10841	O	4695	AGGCUGGG GCCGAAAGGCGAGUGAGGUCU CGUGCACU	20003
10846	ט	4696	CAGUCAGG GCCGAAAGGCGAGUGAGGUCU UGGGCCGU	20004
10857	UGACUGAA G CUGUAGGU	4697	ACCUACAG GCCGAAAGGCGAGUGAGGUCU UUCAGUCA	20002

10860 CUGAAGCU G VAGGUCAG	AGGUCAG	4698	CUGACCUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAG	20006
AGCUGUAG G UCAGGGGA	CAGGGGA	4699	UCCCCUGA GCCGAAAGGCGAGUGAGGUCU CUACAGCU	20007
GACUAGAG G UUAGUGGA	UAGUGGA	4700	UCCACUAA GCCGAAAGGCGAGUGAGGUCU CUCUAGUC	20008
AGAGGUUA G UGGAGACC	GGAGACC	4701	GGUCUCCA GCCGAAAGGCGAGUGAGGUCU UAACCUCU	20009
GAGACCCC G UGCCACAA	GCCACAA	4702	UNGUGGCA GCCGAAAGGCGAGUGAGGUCU GGGGUCUC	20010
GACCCCGU G CCACAAAA	CACAAAA	4703	UUUUGUGG GCCGAAAGGCGAGUGAGGUCU ACGGGGUC	20011
ACAAACA G CAUAUUGA	AUAUUGA	4704	UCAAUAUG GCCGAAAGGCGAGUGAGGUCU UGUUUUGU	20012
GAUCUUCU G CUCUGCAC	UCUGCAC	4705	GUGCAGAG GCCGAAAGGCGAGUGAGGUCU AGAAGAUC	20013
UCUGCUCU G CACAACCA	ACAACCA	4706	UGGUUGUG GCCGAAAGGCGAGUGUCU AGAGCAGA	20014
CACAACCA G CCACACGG	CACACGG	4707	CCGUGUGG GCCGAAAGGCGAGUGAGGUCU UGGUUGUG	20015
GCCACACG G CACAGUGC	ACAGUGC	4708	GCACUGUG GCCGAAAGGCGAGUGAGGUCU CGUGUGGC	20016
ACGGCACA G UGCGCCGA	GCGCCGA	4709	UCGGCGCA GCCGAAAGGCGAGUGAGGUCU UGUGCCGU	20017
GGCACAGU G CGCCGACA	GCCGACA	4710	UGUCGGCG GCCGAAAGGCGAGUGAGGUCU ACUGUGCC	20018
CACAGUGC G CCGACAAU	CGACAAU	4711	AUUGUCGG GCCGAAAGGCGAGUGAGGUCU GCACUGUG	20019
CGACAAUG G UGGCUGGU	gecugen	4712	ACCAGCCA GCCGAAAGGCGAGUGAGGUCU CAUUGUCG	20020
CAAUGGUG G CUGGUGGU	บลลบลลบ	4713	ACCACCAG GCCGAAAGGCGAGUGAGGUCU CACCAUUG	20021
GGUGGCUG G UGGUGCGA	GGUGCGA	4714	UCGCACCA GCCGAAAGGCGAGUGAGGUCU CAGCCACC	20022
васивала в посвядяя	GCGAGAA	4715	UUCUCGCA GCCGAAAGGCGAGUGAGGUCU CACCAGCC	20023
CUGGUGGU G CGAGAACA	SAGAACA	4716	UGUUCUCG GCCGAAAGGCGAGUGAGGUCU ACCACCAG	20024

Input Sequence = AF196835. Cut Site = G/Y
Arm Length = 8. Core Sequence = GCcgaaagGCGaGuCaaGGuCu
AF196835 West Nile virus strain NY99-flamingo382-99, complete genome

Table VI: WNV DNAzyme and Target Sequence

Pos	Substrate	Seq ID	DVS do	·
FUB	Substrace	sed in	DNAzyme Sequence	Seq ID
142	CUGUCAAU A UGCUAAAA	20	TTTTAGCA GGCTAGCTACAACGA ATTGACAG	20025
196	AGAGGGCU A UGUUGAGC	26	GCTCAACA GGCTAGCTACAACGA AGCCCTCT	20026
228	GGGCCAAU A CGAUUUGU	29	ACAAATCG GGCTAGCTACAACGA ATTGGCCC	20027
379	CCAGUGCU A UCAAUCGG	53	CCGATTGA GGCTAGCTACAACGA AGCACTGG	20028
469	GAGCAGUU A CCCUCUCU	63	AGAGAGGG GGCTAGCTACAACGA AACTGCTC	20029
514	UAAAUGCU A CUGACGUC	70	GACGTCAG GGCTAGCTACAACGA AGCATTTA	20030
564	AAGAACCU A UGCAUUGU	76	ACAATGCA GGCTAGCTACAACGA AGGTTCTT	20031
593	UGUGGGAU A CAUGUGCG	79	CGCACATG GGCTAGCTACAACGA ATCCCACA	20032
607	GCGAUGAU A CUAUCACU	80	AGTGATAG GGCTAGCTACAACGA ATCATCGC	20033
610	AUGAUACU A UCACUUAU	81	ATAAGTGA GGCTAGCTACAACGA AGTATCAT	20034
617	UAUCACUU A UGAAUGCC	84	GGCATTCA GGCTAGCTACAACGA AAGTGATA	20035
689	AGCAGUCU A CGUCAGGU	92	ACCTGACG GGCTAGCTACAACGA AGACTGCT	20036
698 824	CGUCAGGU A UGGAAGAU	94	ATCTTCCA GGCTAGCTACAACGA ACCTGACG	20037
866	CACAAGGU A UUUGGUAA	101	TTACCAAA GGCTAGCTACAACGA ACCTTGTG	20038
939	CCCUGGAU A UGCCCUGG GUCGUGCU A UUGCUUUU	108	CCAGGGCA GGCTAGCTACAACGA ATCCAGGG	20039
962	CCCAGCUU A CAGCUUCA	117	AAAAGCAA GGCTAGCTACAACGA AGCACGAC	20040
1063	GCGUGACU A UCAUGUCU	123	TGAAGCTG GGCTAGCTACAACGA AAGCTGGG	20041
1084	ACAAGCCU A CCAUCGAU	136	AGACATGA GGCTAGCTACAACGA AGTCACGC	20042
1108	UGAUGAAU A UGGAGGCG	140	ATCGATGG GGCTAGCTACAACGA AGGCTTGT	20043
1142	CCGCAGUU A UUGCUAUU	142	CGCCTCCA GGCTAGCTACAACGA ATTCATCA	20044
1148	UUAUUGCU A UUUGGCUA	146	AATAGCAA GGCTAGCTACAACGA AACTGCGG	20045
1156	AUUUGGCU A CCGUCAGC	151	TAGCCAAA GGCTAGCTACAACGA AGCAATAA	20046
1287	UGCGGAUU A UUUGGCAA	161	GCTGACGG GGCTAGCTACAACGA AGCCAAAT	20047
1333	CCUGCUCU A CCAAGGCA	168	TTGCCAAA GGCTAGCTACAACGA AATCCGCA	20048
1369	AAGAGAAU A UCAAGUAC	172	TGCCTTGG GGCTAGCTACAACGA AGAGCAGG GTACTTGA GGCTAGCTACAACGA ATTCTCTT	20049
1376	UAUCAAGU A CGAAGUGG	174	CCACTICG GGCTAGCTACAACGA ACTTGATA	20050
1408	GACCAACU A CUGUGGAG	180	CTCCACAG GGCTAGCTACAACGA ACTTGATA CTCCACAG GGCTAGCTACAACGA AGTTGGTC	20051
1430	CGGAAACU A CUCCACAC	182	GTGTGGAG GGCTAGCTACAACGA AGTTTCCG	20052
1493	GCCUUCAU A CACACUAA	192	TTAGTGTG GGCTAGCTACAACGA ATGAAGGC	20053
1514	UGGAGAAU A UGGAGAGG	195	CCTCTCCA GGCTAGCTACAACGA ATTCTCCA	20054
1568	CAAUGCAU A CUACGUGA	198	TCACGTAG GGCTAGCTACAACGA ATGCATTG	20056
1571	UGCAUACU A CGUGAUGA	199	TCATCACG GGCTAGCTACAACGA AGTATGCA	20057
1657	CUGGAAGU A CUGUGUGG	211	CCACACAG GGCTAGCTACAACGA ACTTCCAG	20058
1871	AACAACCU A UGGCGUCU	239	AGACGCCA GGCTAGCTACAACGA AGGTTGTT	20059
1952	AUUGCAGU A CACUGGCA	254	TGCCAGTG GGCTAGCTACAACGA ACTGCAAT	20060
1984	AAGUUCCU A UCUCGUCA	258	TGACGAGA GGCTAGCTACAACGA AGGAACTT	20061
2114	AGACUCAU A CAUAGUGG	282	CCACTATG GGCTAGCTACAACGA ATGAGTCT	20062
2191	AAGCCUUU A CAACCACC	291	GGTGGTTG GGCTAGCTACAACGA AAAGGCTT	20063
2532	GUGUUCAU A CACAAUGA	343	TCATTGTG GGCTAGCTACAACGA ATGAACAC	20064
2564	GGACCGGU A CAAGUAUU	345	AATACTTG GGCTAGCTACAACGA ACCGGTCC	20065
2570	GUACAAGU A UUACCCUG	346	CAGGGTAA GGCTAGCTACAACGA ACTTGTAC	20066
2573	CAAGUAUU A CCCUGAAA	348	TTTCAGGG GGCTAGCTACAACGA AATACTTG	20067
2640	UGCGGUCU A CGAUCAGU	356	ACTGATCG GGCTAGCTACAACGA AGACCGCA	20068
2759	GGGAAUGU A CAAGUCAG	370	CTGACTTG GGCTAGCTACAACGA ACATTCCC	20069
2833	GAAAGAGU A UUUUAUUU	376	AAATAAAA GGCTAGCTACAACGA ACTCTTTC	20070
2838	AGUAUUUU A UUUGCACC	380	GGTGCAAA GGCTAGCTACAACGA AAAATACT	20071
3068	CCUGUCCU A UUGGAUUG	413	CAATCCAA GGCTAGCTACAACGA AGGACAGG	20072
3094	UCAAUGAU A CGUGGAAG	417	CTTCCACG GGCTAGCTACAACGA ATCATTGA	20073
3139	AAUCAUGU A CGUGGCCU	423	AGGCCACG GGCTAGCTACAACGA ACATGATT	20074
3157	AGACGCAU A CCUUGUGG	424	CCACAAGG GGCTAGCTACAACGA ATGCGTCT	20075
3198	UUGAUAAU A CCAGUCAC	430	GTGACTGG GGCTAGCTACAACGA ATTATCAA	20076
3248	ACCUGGGU A CAAGACAC	434	GTGTCTTG GGCTAGCTACAACGA ACCCAGGT	20077
3305	CUUCGAUU A CUGCCCAG	440	CTGGGCAG GGCTAGCTACAACGA AATCGAAG	20078
3319	CAGGAACU A CGGUCACC	441	GGTGACCG GGCTAGCTACAACGA AGTTCCTG	20079
3423	UGCACCUU A CCACCACU	448	AGTGGTGG GGCTAGCTACAACGA AAGGTGCA	20080
3437	ACUGCGCU A CCAAACUG	449	CAGTTTGG GGCTAGCTACAACGA AGCGCAGT	20081
3461	CUGUUGGU A UGGUAUGG	451	CCATACCA GGCTAGCTACAACGA ACCAACAG	20082

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3466	GGUAUGGU A UGGAGAUC	452	GATCTCCA GGCTAGCTACAACGA ACCATACC	20083
3527	GAAUGCUU A UAAUGCUG	457	CAGCATTA GGCTAGCTACAACGA AAGCATTC	20084
3538	AUGCUGAU A UGAUUGAC	459	GTCAATCA GGCTAGCTACAACGA ATCAGCAT	20085
3634	UGCCAGCU A UACUGAUU	476	AATCAGTA GGCTAGCTACAACGA AGCTGGCA	20086
3636	CCAGCUAU A CUGAUUGC	477	GCAATCAG GGCTAGCTACAACGA ATAGCTGG	20087
3673	GGGGCAUU A CUUACACU	485	AGTGTAAG GGCTAGCTACAACGA AATGCCCC	20088
3677	CAUUACUU A CACUGAUG	487	CATCAGTG GGCTAGCTACAACGA AAGTAATG	20089
3690	GAUGUGUU A CGCUAUGU	489	ACATAGCG GGCTAGCTACAACGA AACACATC	20090
3695	GUUACGCU A UGUCAUCU	490	AGATGACA GGCTAGCTACAACGA AGCGTAAC	20090
3750	GACGUGGU A CACUUGGC	501	GCCAAGTG GGCTAGCTACAACGA ACCACGTC	
		ļ		20092
3780	UUCAAGAU A CAACCAGU	506	ACTGGTTG GGCTAGCTACAACGA ATCTTGAA	20093
3793	CAGUGUUU A UGGUGGCA	509	TGCCACCA GGCTAGCTACAACGA AAACACTG	20094
3878	AAUGGCUU A UCACGAUG	528	CATCGTGA GGCTAGCTACAACGA AAGCCATT	20095
3951	UGGAUGAU A CUGAGAGC	539	GCTCTCAG GGCTAGCTACAACGA ATCATCCA	20096
4046	GGAUGUGU A CAGGAUAC	551	GTATCCTG GGCTAGCTACAACGA ACACATCC	20097
4053	UACAGGAU A CUGCUGUU	552	AACAGCAG GGCTAGCTACAACGA ATCCTGTA	20098
4134	AGUCUGCU A UGCUUGGC	559	GCCAAGCA GGCTAGCTACAACGA AGCAGACT	20099
4321	CAAUGACU A UCGCGGGG	584	CCCCGCGA GGCTAGCTACAACGA AGTCATTG	20100
4372	CAACAGAU A UGUGGAUU	596	AATCCACA GGCTAGCTACAACGA ATCTGTTG	20101
4423	CAGAAAUU A CAGGCUCG	602	CGAGCCTG GGCTAGCTACAACGA AATTTCTG	20102
4509	UGGAAGAU A UGGAUGCU	611	AGCATCCA GGCTAGCTACAACGA ATCTTCCA	20103
4547	UAGUGCGU A CACCCCCU	618	AGGGGTG GGCTAGCTACAACGA ACGCACTA	20104
4601	UCUCCAAU A CACAAAGA	630	TCTTTGTG GGCTAGCTACAACGA ATTGGAGA	20105
4649	AAAGGAGU A CAAAAAGG	634	CCTTTTG GGCTAGCTACAACGA ACTCCTTT	20106
4679	CGGCGUCU A CAGGAUCA	636	TGATCCTG GGCTAGCTACAACGA AGACGCCG	20107
4712	CGGCAGUU A UCAAGCAG	641	CTGCTTGA GGCTAGCTACAACGA AACTGCCG	20108
4765	UUUGGCAU A CAACAAAA	650	TTTTGTTG GGCTAGCTACAACGA ATGCCAAA	20109
4814	GGACCCAU A CUGGGGCA	653	TGCCCCAG GGCTAGCTACAACGA ATGGGTCC	20110
4847	ACUUUGUU A CGGAGGAC	659	GTCCTCCG GGCTAGCTACAACGA AACAAAGT	20111
5060	UGGGCUUU A UGGCAAUG	678	CATTGCCA GGCTAGCTACAACGA AAAGCCCA	20112
5093	CGGCUCAU A CAUAAGCG	682	CGCTTATG GGCTAGCTACAACGA ATGAGCCG	20113
5184	AUCACUGU A CUGGAUCU	689	AGATCCAG GGCTAGCTACAACGA ACAGTGAT	20114
5339	CAUCCGGU A CCAGACAU	702	ATGTCTGG GGCTAGCTACAACGA ACCGGATG	20115
5404	GUCAUGCU A CCCUCACC	709	GGTGAGGG GGCTAGCTACAACGA AGCATGAC	20116
5447	GCCGAACU A CAACCUGU	714	ACAGGTTG GGCTAGCTACAACGA AGTTCGGC	20117
5510	AAGAGGUU A CAUUUCCA	724	TGGAAATG GGCTAGCTACAACGA AACCTCTT	
5550	GCGCAAU A UUCAUGAC	730	GTCATGAA GGCTAGCTACAACGA ATTGCCGC	20118
5619	UCCGACUU A CAGACUGA	745		20119
5657			TCAGTCTG GGCTAGCTACAACGA AAGTCGGA	20120
5675	CUCUGGAU A CGAAUGGA	750	TCCATTCG GGCTAGCTACAACGA ATCCAGAG	20121
	CACAGAAU A CACCGGGA	752	TCCCGGTG GGCTAGCTACAACGA ATTCTGTG	20122
5739	CUUUGCCU A CAACGUGC	762	GCACGTTG GGCTAGCTACAACGA AGGCAAAG	20123
5783	AAAGUCGU A CGAGACGG	767	CCGTCTCG GGCTAGCTACAACGA ACGACTTT	20124
5795	GACGGAGU A CCCAAAAU	768	ATTTTGGG GGCTAGCTACAACGA ACTCCGTC	20125
5830	ACUUUGUU A UCACAACA	774	TGTTGTGA GGCTAGCTACAACGA AACAAAGT	20126
5844	ACAGACAU A UCUGAAAU	776	ATTTCAGA GGCTAGCTACAACGA ATGTCTGT	20127
5995	GUGGACGU A UCGGUAGA	787	TCTACCGA GGCTAGCTACAACGA ACGTCCAC	20128
6029	UGAUGAGU A CUGUUAUG	793	CATAACAG GGCTAGCTACAACGA ACTCATCA	20129
6035	GUACUGUU A UGGGGGGC	795	GCCCCCA GGCTAGCTACAACGA AACAGTAC	20130
6140	UCAAUUCU A CCAACCAG	806	CTGGTTGG GGCTAGCTACAACGA AGAATTGA	20131
6162	GAGAAGGU A UAUACCAU	807	ATGGTATA GGCTAGCTACAACGA ACCTTCTC	20132
6164	GAAGGUAU A UACCAUGG	808	CCATGGTA GGCTAGCTACAACGA ATACCTTC	20133
6166	AGGUAUAU A CCAUGGAU	809	ATCCATGG GGCTAGCTACAACGA ATATACCT	20134
6182	UGGGGAAU A CCGGCUCA	810	TGAGCCGG GGCTAGCTACAACGA ATTCCCCA	20135
6257	GCUGGCUU A CAAGGUUG	820	CAACCTTG GGCTAGCTACAACGA AAGCCAGC	20136
6284	AGUGUCAU A CCACGACC	823	GGTCGTGG GGCTAGCTACAACGA ATGACACT	20137
6416	CAGGGUGU A CUCGGAUC	838	GATCCGAG GGCTAGCTACAACGA ACACCCTG	20138
6551	CACCAUGU A CGUUGUGG	858	CCACAACG GGCTAGCTACAACGA ACATGGTG	20139
6645	AUUGCCUU A UUGAGUGU	868	ACACTCAA GGCTAGCTACAACGA AAGGCAAT	20140
6669	AUGGGAGU A UUCUUCCU	870	AGGAAGAA GGCTAGCTACAACGA ACTCCCAT	20141
7049	GUCACUGU A CGCUGUGA	934	TCACAGCG GGCTAGCTACAACGA ACAGTGAC	20142
7106	GUCAGAUU A CAUCAACA	944	TGTTGATG GGCTAGCTACAACGA AATCTGAC	20143
7152	AGUGCACU A UUCACACU	952	AGTGTGAA GGCTAGCTACAACGA AGTGCACT	20144

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7246	UCACCGUU A CGGUAACA	969	TGTTACCG GGCTAGCTACAACGA AACGGTGA	20145
7280	UUGCCACU A UGCCUACA	977	TGTAGGCA GGCTAGCTACAACGA AGTGGCAA	20146
7286	CUAUGCCU A CAUGGUUC	978	GAACCATG GGCTAGCTACAACGA AGGCATAG	20147
7500	AAGACAGU A CGAGAAGC	1000	GCTTCTCG GGCTAGCTACAACGA ACTGTCTT	20148
7629	UCAUGUCU A UCCAUAAC	1017	GTTATGGA GGCTAGCTACAACGA AGACATGA	20149
7760	CACUAGGU A CCGCAAAG	1030	CTTTGCGG GGCTAGCTACAACGA ACCTAGTG	20150
7946	UUGGUGUU A CUAUAUGG	1051	CCATATAG GGCTAGCTACAACGA AACACCAA	20151
7949	GUGUUACU A UAUGGCAA	1052	TTGCCATA GGCTAGCTACAACGA AGTAACAC	20152
7951	GUUACUAU A UGGCAACC	1053	GGTTGCCA GGCTAGCTACAACGA ATAGTAAC	20153
7988	CAGAGGGU A CACAAAGG	1056	CCTTTGTG GGCTAGCTACAACGA ACCCTCTG	20154
8036	GCAAAGUU A UGGAUGGA	1060	TCCATCCA GGCTAGCTACAACGA AACTTTGC	20155
8081	UGUGUUCU A CAGACCUU	1065	AAGGTCTG GGCTAGCTACAACGA AGAACACA	20156
8240	CUGCCCCU A CAUGCCGA	1087	TCGGCATG GGCTAGCTACAACGA AGGGGCAG	20157
8285	ACGCCGGU A UGGGGGGG	1091	CCCCCCA GGCTAGCTACAACGA ACCGGCGT	20158
8339	CGAGAUGU A UUGGGUGA	1097	TCACCCAA GGCTAGCTACAACGA ACATCTCG	20159
8370	AAUGUGGU A CAUUCAGU	1102	ACTGAATG GGCTAGCTACAACGA ACCACATT	20160
8383	CAGUGAAU A UGACCAGC	1105	GCTGGTCA GGCTAGCTACAACGA ATTCACTG	20161
8441	ACCCCAAU A CGAGGAAG	1108	CTTCCTCG GGCTAGCTACAACGA ATTGGGGT	20162
8549	GCGUGAGU A CAGUUCGA	1117	TCGAACTG GGCTAGCTACAACGA ACTCACGC	20163
8585	CCACCCAU A UAGAACCU	1120	AGGTTCTA GGCTAGCTACAACGA ATGGGTGG	20164
8600	CUGGAACU A UCACGGCA	1122	TGCCGTGA GGCTAGCTACAACGA AGTTCCAG	20165
8612	CGGCAGUU A UGAUGUGA	1125	TCACATCA GGCTAGCTACAACGA AACTGCCG	20166
8701	CGAAUGUU A CCACCAUG	1136	CATGGTGG GGCTAGCTACAACGA AACATTCG	20167
8725	CUGACACU A CUCCCUUC	1137	GAAGGGAG GGCTAGCTACAACGA AGTGTCAG	20168
8801	AGUGAAGU A CGUGCUCA	1144	TGAGCACG GGCTAGCTACAACGA ACTTCACT	20169
9041	UUGCAUUU A CAACAUGA	1173	TCATGTTG GGCTAGCTACAACGA AAATGCAA	20170
9236	ACUGGGUU A CAUCCUGC	1199	GCAGGATG GGCTAGCTACAACGA AACCCAGT	20171
9278	CAAGAUCU A UGCUGAUG	1203	CATCAGCA GGCTAGCTACAACGA AGATCTTG	20172
9404	GCUCACCU A UCGUCACA	1215	TGTGACGA GGCTAGCTACAACGA AGGTGAGC	20173
9466	UGGAUGUU A UCUCCAGA	1221	TCTGGAGA GGCTAGCTACAACGA AACATCCA	20174
9509	UGUCACCU A CGCCCUAA	1227	TTAGGGCG GGCTAGCTACAACGA AGGTGACA	20175
9745	UCAAUGCU A UGUCAAAG	1249	CTTTGACA GGCTAGCTACAACGA AGCATTGA	20176
9797	UGGAUGGU A UGAUUGGC	1255	GCCAATCA GGCTAGCTACAACGA ACCATCCA	20177
9915	GCUCGCAU A UCUCCAGG	1273	CCTGGAGA GGCTAGCTACAACGA ATGCGAGC	20178
9968	UAAGUCUU A UGCCCAGA	1282	TCTGGGCA GGCTAGCTACAACGA AAGACTTA	20179
9992	GCUUCUGU A CUUCCACA	1285	TGTGGAAG GGCTAGCTACAACGA ACAGAAGC	201/3
10063	GGGUCCCU A CCGGAAGA	1295	TCTTCCGG GGCTAGCTACAACGA AGGGACCC	20181
10208	CGUCCAU A UUCAGGAA	1304	TTCCTGAA GGCTAGCTACAACGA ATGGGACG	20181
10294	AGGUGGCU A UCAACCAA	1310	TTGGTTGA GGCTAGCTACAACGA AGCCACCT	20183
10331	UGAGAAGU A UGUGGAUU	1315	AATCCACA GGCTAGCTACAACGA ACTTCTCA	20184
10340	UGUGGAUU A CAUGAGUU	1317	AACTCATG GGCTAGCTACAACGA AATCCACA	
10361	AAAGAGAU A UGAAGACA	1321	TGTCTTCA GGCTAGCTACAACGA ATCTCTTT	20185
10392	GACACAGU A CUGUAGAU	1325	ATCTACAG GGCTAGCTACAACGA ACTGTGTC	20186
10401	CUGUAGAU A UUUAAUCA	1327	TGATTAAA GGCTAGCTACAACGA ACTGTGTC	20187
10426	UAGACAAU A UAAGUAUG	1335	CATACTTA GGCTAGCTACAACGA ATTGTCTA	20188
10432	AUAUAAGU A UGCAUAAA	1337	TTTATGCA GGCTAGCTACAACGA ACTTATAT	<del></del>
10452	GUAGUUUU A UAGUAGUA	1343	TACTACTA GGCTAGCTACAACGA AAAACTAC	20190
10460	AUAGUAGU A UUUAGUGG	1346	CCACTAAA GGCTAGCTACAACGA ACTACTAT	20191
10679	ACCACGCU A CGGCGUGC	1375	GCACGCCG GGCTAGCTACAACGA ACCGCGGT	20192
10689	GGCGUGCU A CUCUGCGG	1376		20193
10928	AACAGCAU A UUGACACC		CCGCAGAG GGCTAGCTACAACGA AGCACGCC	20194
63	CAAUUAAC A CAGUGCGA	1397	GGTGTCAA GGCTAGCTACAACGA ATGCTGTT	20195
85	UUCUUAGC A CGAAGAUC	1412	TCGCACTG GGCTAGCTACAACGA GTTAATTG	20196
265	UCAGGUUC A CAGCAAUU	1416	GATCTTCG GGCTAGCTACAACGA GCTAAGAA	20197
335	GAUGAAAC A CCUUCUGA	1445	AATTGCTG GGCTAGCTACAACGA GAACCTGA	20198
436	UUGCAGUC A UGAUUGGC	1457	TCAGAAGG GGCTAGCTACAACGA GTTTCATC	20199
523	CUGACGUC A CAGAUGUC	1473	GCCAATCA GGCTAGCTACAACGA GACTGCAA	20200
	<del></del>	1489	GACATCTG GGCTAGCTACAACGA GACGTCAG	20201
532	CAGAUGUC A UCACGAUU	1491	AATCGTGA GGCTAGCTACAACGA GACATCTG	20202
535	AUGUCAUC A CGAUUCCA	1492	TGGAATCG GGCTAGCTACAACGA GATGACAT	20203
568	ACCUAUGC A UUGUCAGA	1500	TCTGACAA GGCTAGCTACAACGA GCATAGGT	20204
595	UGGGAUAC A UGUGCGAU	1503	ATCGCACA GGCTAGCTACAACGA GTATCCCA	20205
613	AUACUAUC A CUUAUGAA	1505	TTCATAAG GGCTAGCTACAACGA GATAGTAT	20206

Table VI

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658	CAGAAGAC A UCGACUGU	1514	ACAGTCGA GGCTAGCTACAACGA GTCTTCTG	20207
673	GUUGGUGC A CAAAGUCA	1516	TGACTTTG GGCTAGCTACAACGA GCACCAAC	20208
709	GAAGAUGC A CCAAGACA	1522	TGTCTTGG GGCTAGCTACAACGA GCATCTTC	20209
717	ACCAAGAC A CGCCACUC	1525	GAGTGGCG GGCTAGCTACAACGA GTCTTGGT	20210
722	GACACGCC A CUCAAGAC	1527	GTCTTGAG GGCTAGCTACAACGA GGCGTGTC	20211
744	CGGAGGUC A CUGACAGU	1531	ACTGTCAG GGCTAGCTACAACGA GACCTCCG	20212
759	GUGCAGAC A CACGGAGA	1535	TCTCCGTG GGCTAGCTACAACGA GTCTGCAC	20213
761	GCAGACAC A CGGAGAAA	1536	TTTCTCCG GGCTAGCTACAACGA GTGTCTGC	20214
772	GAGAAAGC A CUCUAGCG	1537	CGCTAGAG GGCTAGCTACAACGA GCTTTCTC	20215
808	UGGACAGC A CCAAGGCC	1543	GGCCTTGG GGCTAGCTACAACGA GCTGTCCA	20216
817	CCAAGGCC A CAAGGUAU	1547	ATACCTTG GGCTAGCTACAACGA GGCCTTGG	20217
843	ACAGAAUC A UGGAUCUU	1550	AAGATCCA GGCTAGCTACAACGA GATTCTGT	20218
886	CAGCCGUC A UUGGUUGG	1560	CCAACCAA GGCTAGCTACAACGA GACGGCTG	20219
910	GGAGCAAC A CCAUGCAG	1563	CTGCATGG GGCTAGCTACAACGA GTTGCTCC	20220
913	GCAACACC A UGCAGAGA	1565	TCTCTGCA GGCTAGCTACAACGA GGTGTTGC	20221
1023	GGAGCAAC A UGGGUGGA	1586	TCCACCCA GGCTAGCTACAACGA GTTGCTCC	20222
1066	UGACUAUC A UGUCUAAG	1591	CTTAGACA GGCTAGCTACAACGA GATAGTCA	20223
1087	AGCCUACC A UCGAUGUG	1597	CACATCGA GGCTAGCTACAACGA GGTAGGCT	20224
1174	AUCUCUCC A CCAAAGCU	1611	AGCTTTGG GGCTAGCTACAACGA GGAGAGAT	20225
1195	GCCCGACC A UGGGAGAA	1618	TTCTCCCA GGCTAGCTACAACGA GGTCGGGC	20226
1208	AGAAGCUC A CAAUGACA	1620	TGTCATTG GGCTAGCTACAACGA GAGCTTCT	20227
1303	AAGGAAGC A UUGACACA	1635	TGTGTCAA GGCTAGCTACAACGA GCTTCCTT	20228
1309	GCAUUGAC A CAUGCGCC	1636	GGCGCATG GGCTAGCTACAACGA GTCAATGC	20229
1311	AUUGACAC A UGCGCCAA	1637	TTGGCGCA GGCTAGCTACAACGA GTGTCAAT	20230
1354	GAAGAACC A UCUUGAAA	1648	TTTCAAGA GGCTAGCTACAACGA GGTTCTTC	20231
1387	AAGUGGCC A UUUUUGUC	1652	GACAAAA GGCTAGCTACAACGA GGCCACTT	20232
1397	UUUUGUCC A UGGACCAA	1654	TTGGTCCA GGCTAGCTACAACGA GGACAAAA	20233
1421	GGAGUCGC A CGGAAACU	1659	AGTTTCCG GGCTAGCTACAACGA GCGACTCC	20234
1435	ACUACUCC A CACAGGUU	1663	AACCTGTG GGCTAGCTACAACGA GGAGTAGT	20235
1437	UACUCCAC A CAGGUUGG	1664	CCAACCTG GGCTAGCTACAACGA GTGGAGTA	20236
1450	UUGGAGCC A CUCAGGCA	1667	TGCCTGAG GGCTAGCTACAACGA GGCTCCAA	20237
1471	GAUUCAGC A UCACUCCU	1672	AGGAGTGA GGCTAGCTACAACGA GCTGAATC	20238
1474	UCAGCAUC A CUCCUGCG	1673	CGCAGGAG GGCTAGCTACAACGA GATGCTGA	20239
1491	GCGCCUUC A UACACACU	1679	AGTGTGTA GGCTAGCTACAACGA GAAGGCGC	20240
1495	CUUCAUAC A CACUAAAG	1680	CTTTAGTG GGCTAGCTACAACGA GTATGAAG	20241
1497	UCAUACAC A CUAAAGCU	1681	AGCTTTAG GGCTAGCTACAACGA GTGTATGA	20242
1542	UGUGAACC A CGGUCAGG	1687	CCTGACCG GGCTAGCTACAACGA GGTTCACA	20243
1558	GGAUUGAC A CCAAUGCA	1689	TGCATTGG GGCTAGCTACAACGA GTCAATCC	20244
1566	ACCAAUGC A UACUACGU	1692	ACGTAGTA GGCTAGCTACAACGA GCATTGGT	20245
1607	CUUGGUCC A UCGUGAGU	1698	ACTCACGA GGCTAGCTACAACGA GGACCAAG	20246
1621	AGUGGUUC A UGGACCUC	1699	GAGGTCCA GGCTAGCTACAACGA GAACCACT	20247
1701	GAGGAACC A CACGCCAC	1713	GTGGCGTG GGCTAGCTACAACGA GGTTCCTC	20248
1703	GGAACCAC A CGCCACGA	1714	TCGTGGCG GGCTAGCTACAACGA GTGGTTCC	20249
1708	CACACGCC A CGAAGCAG	1716	CTGCTTCG GGCTAGCTACAACGA GGCGTGTG	20250
1728	GUGAUAGC A UUGGGCUC	1719	GAGCCCAA GGCTAGCTACAACGA GCTATCAC	20251
1737	UUGGGCUC A CAAGAGGG	1721	CCCTCTTG GGCTAGCTACAACGA GAGCCCAA	20252
1754	AGCUCUGC A UCAAGCUU	1725	AAGCTTGA GGCTAGCTACAACGA GCAGAGCT	20253
1774	CUGGAGCC A UUCCUGUG	1730	CACAGGAA GGCTAGCTACAACGA GGCTCCAG	20254
1798	CAAGCAAC A CUGUCAAG	1735	CTTGACAG GGCTAGCTACAACGA GTTGCTTG	20255
1820	GUCGGGUC A UUUGAAGU	1738	ACTTCAAA GGCTAGCTACAACGA GACCCGAC	20256
1918	CCGCAGAC A CAGGUCAC	1752	GTGACCTG GGCTAGCTACAACGA GTCTGCGG	20257
1925	CACAGGUC A CGGCACUG	1754	CAGTGCCG GGCTAGCTACAACGA GACCTGTG	20258
1930	GUCACGGC A CUGUGGUG	1755	CACCACAG GGCTAGCTACAACGA GCCGTGAC	20259
1954	UGCAGUAC A CUGGCACG	1758	CGTGCCAG GGCTAGCTACAACGA GTACTGCA	20260
1960	ACACUGGC A CGGAUGGA	1760	TCCATCCG GGCTAGCTACAACGA GCCAGTGT	20261
2001	GUGGCUUC A UUGAACGA	1769	TCGTTCAA GGCTAGCTACAACGA GAAGCCAC	20262
2035	GAUUGGUC A CUGUCAAC	1775	GTTGACAG GGCTAGCTACAACGA GACCAATC	20263
2062	CAGUGGCC A CGGCCAAC	1783	GTTGGCCG GGCTAGCTACAACGA GGCCACTG	20264
2097	UUGGAACC A CCCUUUGG	1790	CCAAAGGG GGCTAGCTACAACGA GGTTCCAA	20265
2112	GGAGACUC A UACAUAGU	1795	ACTATGTA GGCTAGCTACAACGA GAGTCTCC	20266
2116	ACUCAVAC A VAGUGGUG	1796	CACCACTA GGCTAGCTACAACGA GTATGAGT	20267
2150	GAUCAAUC A CCAUUGGC	1801	GCCAATGG GGCTAGCTACAACGA GATTGATC	20268

2153	CAAUCACC A UUGGCACA	1803	TGTGCCAA GGCTAGCTACAACGA GGTGATTG	20269
2159	CCAUUGGC A CAAGUCUG	1804	CAGACTTG GGCTAGCTACAACGA GCCAATGG	20270
2176	GAAGCAGC A UUGGCAAA	1808	TTTGCCAA GGCTAGCTACAACGA GCTGCTTC	20271
2197	UUACAACC A CCCUCAAA	1814	TTTGAGGG GGCTAGCTACAACGA GGTTGTAA	20272
2236	UAGGAGAC A CAGCUUGG	1824	CCAAGCTG GGCTAGCTACAACGA GTCTCCTA	20273
2272	GGGUGUUC A CCUCAGUU	1829	AACTGAGG GGCTAGCTACAACGA GAACACCC	20274
2294	GGCUGUCC A UCAAGUGU	1835	ACACTTGA GGCTAGCTACAACGA GGACAGCC	20275
2313	GGAGGAGC A UUCCGCUC	1837	GAGCGGAA GGCTAGCTACAACGA GCTCCTCC	20276
2322	UUCCGCUC A CUGUUCGG	1840	CCGAACAG GGCTAGCTACAACGA GAGCGGAA	20277
2335	UCGGAGGC A UGUCCUGG	1842	CCAGGACA GGCTAGCTACAACGA GCCTCCGA	20278
2386	GGAUGGGC A UCAAUGCU	1851	AGCATTGA GGCTAGCTACAACGA GCCCATCC	20279
2407	AUAGGUCC A UAGCUCUC	1855	GAGAGCTA GGCTAGCTACAACGA GGACCTAT	
2416	UAGCUCUC A CGUUUCUC	1858	GAGAAACG GGCTAGCTACAACGA GAGAGCTA	20280
2465	GAACGUGC A CGCUGACA	1868	TGTCAGCG GGCTAGCTACAACGA GCACGTTC	20281
2473	ACGCUGAC A CUGGGUGU	1870	ACACCCAG GGCTAGCTACAACGA GCACGTTC	20282
2485				20283
<b> </b>	GGUGUGCC A UAGACAUC	1873	GATGTCTA GGCTAGCTACAACGA GGCACACC	20284
2491	CCAUAGAC A UCAGCCGG	1874	CCGGCTGA GGCTAGCTACAACGA GTCTATGG	20285
2530	GAGUGUUC A UACACAAU	1879	ATTGTGTA GGCTAGCTACAACGA GAACACTC	20286
2534	GUUCAUAC A CAAUGAUG	1880	CATCATTG GGCTAGCTACAACGA GTATGAAC	20287
2586	GAAACGCC A CAAGGCCU	1889	AGGCCTTG GGCTAGCTACAACGA GGCGTTTC	20288
2605	CCAAGAUC A UUCAGAAA	1895	TTTCTGAA GGCTAGCTACAACGA GATCTTGG	20289
2618	GAAAGCUC A UAAGGAAG	1898	CTTCCTTA GGCTAGCTACAACGA GAGCTTTC	20290
2663	ACUGGAGC A UCAAAUGU	1904	ACATTIGA GGCTAGCTACAACGA GCTCCAGT	20291
2698	AGCUGAAC A CUCUUUUG	1908	CAAAAGAG GGCTAGCTACAACGA GTTCAGCT	20292
2769	AAGUCAGC A CCUAAACG	1916	CGTTTAGG GGCTAGCTACAACGA GCTGACTT	20293
2782	AACGCCUC A CCGCCACC	1921	GGTGGCGG GGCTAGCTACAACGA GAGGCGTT	20294
2788	UCACCGCC A CCACGGAA	1924	TTCCGTGG GGCTAGCTACAACGA GGCGGTGA	20295
2791	CCGCCACC A CGGAAAAA	1926	TTTTTCCG GGCTAGCTACAACGA GGTGGCGG	20296
2844	UUAUUUGC A CCAGAACU	1930	AGTTCTGG GGCTAGCTACAACGA GCAAATAA	20297
2863	CCAACAAC A CCUUUGUG	1937	CACAAAGG GGCTAGCTACAACGA GTTGTTGG	20298
2956	UUGGUCUC A CCAGCACU	1949	AGTGCTGG GGCTAGCTACAACGA GAGACCAA	20299
2962	UCACCAGC A CUCGGAUG	1952	CATCCGAG GGCTAGCTACAACGA GCTGGTGA	20300
2995	AGAGCAAC A CAACUGAA	1958	TTCAGTTG GGCTAGCTACAACGA GTTGCTCT	20301
3019	CGAAGAUC A UUGGAACG	1962	CGTTCCAA GGCTAGCTACAACGA GATCTTCG	20302
3053	GGCGAUCC A CAGUGACC	1968	GGTCACTG GGCTAGCTACAACGA GGATCGCC	20303
3135	GUCAAAUC A UGUACGUG	1981	CACGTACA GGCTAGCTACAACGA GATTTGAC	20304
3155	UGAGACGC A UACCUUGU	1984	ACAAGGTA GGCTAGCTACAACGA GCGTCTCA	20305
3205	UACCAGUC A CACUGGCG	1992	CGCCAGTG GGCTAGCTACAACGA GACTGGTA	20306
3207	CCAGUCAC A CUGGCGGG	1993	CCCGCCAG GGCTAGCTACAACGA GTGACTGG	20307
3219	GCGGGACC A CGAAGCAA	1996	TTGCTTCG GGCTAGCTACAACGA GGTCCCGC	20308
3230	AAGCAAUC A CAAUCGGA	1998	TCCGATTG GGCTAGCTACAACGA GATTGCTT	20309
3255	UACAAGAC A CAAAACCA	2003	TGGTTTTG GGCTAGCTACAACGA GTCTTGTA	20310
3270	CAGGGCCC A UGGGACGA	2009	TCGTCCCA GGCTAGCTACAACGA GGGCCCTG	20311
3325	CUACGGUC A CCCUGAGU	2017	ACTCAGGG GGCTAGCTACAACGA GACCGTAG	20312
3347	CUGCGGAC A CCGUGGAC	2022	GTCCACGG GGCTAGCTACAACGA GTCCGCAG	20313
3361	GACCUGCC A CUCGCACC	2027	GGTGCGAG GGCTAGCTACAACGA GGCAGGTC	20314
3367	CCACUCGC A CCACCACA	2029	TGTGGTGG GGCTAGCTACAACGA GCGAGTGG	20315
3370	CUCGCACC A CCACAGAG	2031	CTCTGTGG GGCTAGCTACAACGA GGTGCGAG	20316
3373	GCACCACC A CAGAGAGC	2033	GCTCTCTG GGCTAGCTACAACGA GGTGGTGC	20317
3418	GGAGCUGC A CCUUACCA	2039	TGGTAAGG GGCTAGCTACAACGA GCAGCTCC	20318
3426	ACCUUACC A CCACUGCG	2043	CGCAGTGG GGCTAGCTACAACGA GGTAAGGT	20318
3429	UUACCACC A CUGCGCUA	2045	TAGCGCAG GGCTAGCTACAACGA GGTGGTAA	20319
3480	AUCAGACC A CAGAGACA	2055	TGTCTCTG GGCTAGCTACAACGA GGTCTGAT	20320
3488	ACAGAGAC A UGAUGAAA	2057	TTTCATCA GGCTAGCTACAACGA GTCTCTGT	
3513	GUGCAGUC A CAAGUGAA	2062	TTCACTTG GGCTAGCTACAACGA GACTGCAC	20322
3583	UCUUGGCC A CCCAGGAG	2075	CTCCTGGG GGCTAGCTACAACGA GGCCAAGA	
3625	AGAUCAGC A UGCCAGCU	2086		20324
3670	UUGGGGGC A UUACUUAC	2096	AGCTGGCA GGCTAGCTACAACGA GCCGCAA GTAAGTAA GGCTAGCTACAACGA GCCCCCAA	20325
3679	UUACUUAC A CUGAUGUG	2098		20326
3700	GCUAUGUC A UCUUGGUG	2101	CACATCAG GGCTAGCTAGAACGA GTAAGTAA	20327
3752	CGUGGUAC A CUUGGCGC		CACCAAGA GGCTAGCTACAACGA GACATAGC	20328
3763	UGGCGCUC A UGGCGACC	2107	GCGCCAAG GGCTAGCTACAACGA GTACCACG	20329
ليتن	COCCOCC A OGGCGACC	2110	GGTCGCCA GGCTAGCTACAACGA GAGCGCCA	20330

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3801	AUGGUGGC A UCGUUUCU	2117	AGAAACGA GGCTAGCTACAACGA GCCACCAT	20331
3838	AGGAGAAC A UUUUGUUG	2124	CAACAAAA GGCTAGCTACAACGA GTTCTCCT	20332
3881	GGCUUAUC A CGAUGCCC	2129	GGGCATCG GGCTAGCTACAACGA GATAAGCC	20333
3930	UUGAAUUC A CUGGCGGU	2140	ACCGCCAG GGCTAGCTACAACGA GAATTCAA	20334
3961	UGAGAGCC A UAACAUUC	2145	GAATGITA GGCTAGCTACAACGA GGCTCTCA	20335
3966	GCCAUAAC A UUCACAAC	2146	GTTGTGAA GGCTAGCTACAACGA GTTATGGC	20336
3970	UAACAUUC A CAACGACA	2147	TGTCGTTG GGCTAGCTACAACGA GAATGTTA	20337
3978	ACAACGAC A UCAAACGU	2149	ACGTTTGA GGCTAGCTACAACGA GTCGTTGT	20338
4014	CUGCUAAC A CCCGGGCU	2158	AGCCCGGG GGCTAGCTACAACGA GTTAGCAG	20339
4171	UCAACCC A UGAUCCUU	2188	AAGGATCA GGCTAGCTACAACGA GGGGTTGA	20340
4197	CUGAUUGC A UGUGAUCC	2194	GGATCACA GGCTAGCTACAACGA GCAATCAG	20341
4267	UGUUUGCC A UCGUCGGA	2208	TCCGACGA GGCTAGCTACAACGA GGCAAACA	20342
4294	AGCUUGAC A UUGACUCC	2212	GGAGTCAA GGCTAGCTACAACGA GTCAAGCT	20343
4303	UUGACUCC A UGGCCAUU	2215	AATGGCCA GGCTAGCTACAACGA GGAGTCAA	20344
4309	CCAUGGCC A UUCCAAUG	2217	CATTGGAA GGCTAGCTACAACGA GGCCATGG	20345
4333	· CGGGGCUC A UGUUUGCU	2222	AGCAAACA GGCTAGCTACAACGA GAGCCCCG	20346
4396	CGGCGGAC A UUUCCUGG	2228	CCAGGAAA GGCTAGCTACAACGA GTCCGCCG	20347
4480	UCCAGCUC A UGAAUGAU	2239	ATCATTCA GGCTAGCTACAACGA GAGCTGGA	20348
4497	CCAGGAGC A CCUUGGAA	2242	TTCCAAGG GGCTAGCTACAACGA GCTCCTGG	20349
4549	GUGCGUAC A CCCCCUGG	2249	CCAGGGG GGCTAGCTACAACGA GTACGCAC	20350
4603	UCCAAUAC A CAAAGAGA	2265	TCTCTTTG GGCTAGCTACAACGA GTATTGGA	20351
4630	UGUGGGAC A CUCCCUCA	2267	TGAGGGAG GGCTAGCTACAACGA GTCCCACA	20352
4638	ACUCCCUC A CCAAAGGA	2272	TCCTTTGG GGCTAGCTACAACGA GAGGGAGT	20353
4663	AGGGGGAC A CGACCACC	2276	GGTGGTCG GGCTAGCTACAACGA GTCCCCCT	20354
4669	ACACGACC A CCGGCGUC	2278	GACGCCGG GGCTAGCTACAACGA GGTCGTGT	20355
4687	ACAGGAUC A UGACUCGU	2282	ACGAGTCA GGCTAGCTACAACGA GATCCTGT	20356
4751	UGUUUUCC A CACCCUUU	2290	AAAGGGTG GGCTAGCTACAACGA GGAAAACA	20357
4753	UUUUCCAC A CCCUUUGG	2291	CCAAAGGG GGCTAGCTACAACGA GTGGAAAA	20358
4763	CCUUUGGC A UACAACAA	2295	TTGTTGTA GGCTAGCTACAACGA GCCAAAGG	20359
4812	CUGGACCC A UACUGGGG	2305	CCCCAGTA GGCTAGCTACAACGA GGGTCCAG	20360
4871	AUUGCAGC A CAAGUGGA	2314	TCCACTTG GGCTAGCTACAACGA GCTGCAAT	20361
4965	UUCAAAAC A CCUGAAGG	2326	CCTTCAGG GGCTAGCTACAACGA GTTTTGAA	20362
5005	ACUUCCCC A CUGGAACA	2335	TGTTCCAG GGCTAGCTACAACGA GGGGAAGT	20363
5013	ACUGGAAC A UCAGGCUC	2337	GAGCCTGA GGCTAGCTACAACGA GTTCCAGT	20364
5022	UCAGGCUC A CCAAUAGU	2340	ACTATTGG GGCTAGCTACAACGA GAGCCTGA	20365
5074	AUGGAGUC A UAAUGCCC	2346	GGGCATTA GGCTAGCTACAACGA GACTCCAT	20366
5091	AACGGCUC A UACAUAAG	2351	CTTATGTA GGCTAGCTACAACGA GAGCCGTT	20367
5095	GCUCAUAC A UAAGCGCG	2352	CGCGCTTA GGCTAGCTACAACGA GTATGAGC	20368
5179	AACAGAUC A CUGUACUG	2364	CAGTACAG GGCTAGCTACAACGA GATCTGTT	20369
5195	GGAUCUCC A UCCCGGCG	2369	CGCCGGGA GGCTAGCTACAACGA GGAGATCC	20370
5229	AUUCUGCC A CAGAUCAU	2376	ATGATCTG GGCTAGCTACAACGA GGCAGAAT	20371
5236	CACAGAUC A UCAAAGAG	2378	CTCTTTGA GGCTAGCTACAACGA GATCTGTG	20372
5248	AAGAGGCC A UAAACAGA	2381	TCTGTTTA GGCTAGCTACAACGA GGCCTCTT	20373
5280	GUGCUAGC A CCAACCAG	2387	CTGGTTGG GGCTAGCTACAACGA GCTAGCAC	20374
5316	GCUGAAGC A CUGAGAGG	2395	CCTCTCAG GGCTAGCTACAACGA GCTTCAGC	20375
5332	GACUGCCC A UCCGGUAC	2400	GTACCGGA GGCTAGCTACAACGA GGGCAGTC	20376
5346	UACCAGAC A UCCGCAGU	2404	ACTGCGGA GGCTAGCTACAACGA GTCTGGTA	20377
5366	CAGAGAAC A UAAUGGAA	2410	TTCCATTA GGCTAGCTACAACGA GTTCTCTG	20378
5392	UUGAUGUC A UGUGUCAU	2411	ATGACACA GGCTAGCTACAACGA GACATCAA	20379
5399	CAUGUGUC A UGCUACCC	2412	GGGTAGCA GGCTAGCTACAACGA GACACATG	20380
5410	CUACCCUC A CCCACAGG	2417	CCTGTGGG GGCTAGCTACAACGA GAGGGTAG	20381
5414	CCUCACCC A CAGGCUGA	2420	TCAGCCTG GGCTAGCTACAACGA GGGTGAGG	20382
5432	GUCUCCUC A CAGGGUGC	2426	GCACCCTG GGCTAGCTACAACGA GAGGAGAC	20383
5474	UGAGGCUC A UUUCACCG	2434	CGGTGAAA GGCTAGCTACAACGA GAGCCTCA	20384
5479	CUCAUUUC A CCGACCCA	2435	TGGGTCGG GGCTAGCTACAACGA GAAATGAG	20385
5494	CAGCUAGC A UUGCAGCA	2441	TGCTGCAA GGCTAGCTACAACGA GCTAGCTG	20386
5512	GAGGUUAC A UUUCCACA	2444	TGTGGAAA GGCTAGCTACAACGA GTAACCTC	20387
5518	ACAUUUCC A CAAAGGUC	2446	GACCTTTG GGCTAGCTACAACGA GGAAATGT	20388
5554	CAAUAUUC A UGACAGCC	2450	GGCTGTCA GGCTAGCTACAACGA GAATATTG	20389
5563	UGACAGCC A CCCCACCA	2453	TGGTGGG GGCTAGCTACAACGA GGCTGTCA	20390
5568	GCCACCCC A CCAGGCAC	2457	GTGCCTGG GGCTAGCTACAACGA GGGGTGGC	20391
5575	CACCAGGC A CUUCAGAU	2460	ATCTGAAG GGCTAGCTACAACGA GCCTGGTG	20392
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Table VI	
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<u> </u>	T 100001000 1 100000100	0.5		
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5604	UCCAAUUC A CCAAUUUC	2470	GAAATTGG GGCTAGCTACAACGA GAATTGGA	20394
5668	AAUGGAUC A CAGAAUAC	2482	GTATTCTG GGCTAGCTACAACGA GATCCATT	20395
5677	CAGAAUAC A CCGGGAAG	2484	CTTCCCGG GGCTAGCTACAACGA GTATTCTG	20396
5833	UUGUUAUC A CAACAGAC	2503	GTCTGTTG GGCTAGCTACAACGA GATAACAA	20397
5842	CAACAGAC A UAUCUGAA	2506	TTCAGATA GGCTAGCTACAACGA GTCTGTTG	20398
5911	AACCAACC A UCAUAACA	2517	TGTTATGA GGCTAGCTACAACGA GGTTGGTT	20399
5914	CAACCAUC A UAACAGAA	2518	TTCTGTTA GGCTAGCTACAACGA GATGGTTG	20400
5952	GGAGAACC A UCUGCAGU	2523	ACTGCAGA GGCTAGCTACAACGA GGTTCTCC	20401
6044	UGGGGGC A CACGAAUG	2536	CATTCGTG GGCTAGCTACAACGA GCCCCCCA	20402
6046	GGGGCAC A CGAAUGAA	2537	TTCATTCG GGCTAGCTACAACGA GTGCCCCC	20403
6074	CUUCGCCC A UUGGACUG	2542	CAGTCCAA GGCTAGCTACAACGA GGGCGAAG	<del></del>
6087	ACUGAGGC A CGAAUCAU	2544	ATGATTCG GGCTAGCTACAACGA GCCTCAGT	20404
		<del>                                     </del>		20405
6094	CACGAAUC A UGCUGGAC	2545	GTCCAGCA GGCTAGCTACAACGA GATTCGTG	20406
6106	UGGACAAC A UCAACAUG	2548	CATGTTGA GGCTAGCTACAACGA GTTGTCCA	20407
6112	ACAUCAAC A UGCCAAAC	2550	GTTTGGCA GGCTAGCTACAACGA GTTGATGT	20408
6169	UAUAUACC A UGGAUGGG	2562	CCCATCCA GGCTAGCTACAACGA GGTATATA	20409
6282	GGAGUGUC A UACCACGA	2579	TCGTGGTA GGCTAGCTACAACGA GACACTCC	20410
6287	GUCAUACC A CGACCGGA	2581	TCCGGTCG GGCTAGCTACAACGA GGTATGAC	20411
6325	GGACAAAC A CAAUUUUA	2587	TAAAATTG GGCTAGCTACAACGA GTTTGTCC	20412
6358	UGGAAGUC A UCACGAAG	2591	CTTCGTGA GGCTAGCTACAACGA GACTTCCA	20413
6361	AAGUCAUC A CGAAGCUU	2592	AAGCTTCG GGCTAGCTACAACGA GATGACTT	20414
6425	CUCGGAUC A CCAGGCAC	2600	GTGCCTGG GGCTAGCTACAACGA GATCCGAG	20415
6432	CACCAGGC A CUAAAGGC	2603	GCCTTTAG GGCTAGCTACAACGA GCCTGGTG	20416
6484	UAGGGCUC A UUGAGGUU	2612	AACCTCAA GGCTAGCTACAACGA GAGCCCTA	20417
6512	GCCUGAGC A CUUCAUGG	2616	CCATGAAG GGCTAGCTACAACGA GCTCAGGC	20418
6517	AGCACUUC A UGGGGAAG	2618	CTTCCCCA GGCTAGCTACAACGA GAAGTGCT	20419
6528	GGGAAGAC A UGGGAAGC	2619	GCTTCCCA GGCTAGCTACAACGA GTCTTCCC	
6537	UGGGAAGC A CUUGACAC	2620	GTGTCAAG GGCTAGCTACAACGA GCTTCCCA	20420
6544	CACUUGAC A CCAUGUAC	2622		20421
6547			GTACATGG GGCTAGCTACAACGA GTCAAGTG	20422
	UUGACACC A UGUACGUU	2624	AACGTACA GGCTAGCTACAACGA GGTGTCAA	20423
6562	UUGUGGCC A CUGCAGAG	2626	CTCTGCAG GGCTAGCTACAACGA GGCCACAA	20424
6587	AAGAGCUC A CAGAAUGG	2630	CCATTCTG GGCTAGCTACAACGA GAGCTCTT	20425
6661	UGAUGACC A UGGGAGUA	2647	TACTCCCA GGCTAGCTACAACGA GGTCATCA	20426
6682	UCCUCCUC A UGCAGCGG	2653	CCGCTGCA GGCTAGCTACAACGA GAGGAGGA	20427
6697	GGAAGGC A UUGGAAAG	2655	CTTTCCAA GGCTAGCTACAACGA GCCCTTCC	20428
6889	UUUGUGUC A UGACCCUU	2688	AAGGGTCA GGCTAGCTACAACGA GACACAAA	20429
6952	AGAGUGAC A UAAGCAGU	2699	ACTGCTTA GGCTAGCTACAACGA GTCACTCT	20430
7000	AUUUCAGC A UGGGAGAG	2704	CTCTCCCA GGCTAGCTACAACGA GCTGAAAT	20431
7044	GCCUGGUC A CUGUACGC	2712	GCGTACAG GGCTAGCTACAACGA GACCAGGC	20432
7072	CGGUCCUC A CUCCACUG	2719	CAGTGGAG GGCTAGCTACAACGA GAGGACCG	20433
7077.	CUCACUCC A CUGCUAAA	2722	TTTAGCAG GGCTAGCTACAACGA GGAGTGAG	20434
7088	GCUAAAGC A UUUGAUCA	2725	TGATCAAA GGCTAGCTACAACGA GCTTTAGC	20435
7096	AUUUGAUC A CGUCAGAU	2726	ATCTGACG GGCTAGCTACAACGA GATCAAAT	20436
7108	CAGAUUAC A UCAACACC	2728	GGTGTTGA GGCTAGCTACAACGA GTAATCTG	20437
7114	ACAUCAAC A CCUCAUUG	2730	CAATGAGG GGCTAGCTACAACGA GTTGATGT	20437
7119	AACACCUC A UUGACCUC	2733	GAGGTCAA GGCTAGCTACAACGA GAGGTGTT	
7149	GCAAGUGC A CUAUUCAC	2739		20439
7156	CACUAUUC A CACUCGCG		GTGAATAG GGCTAGCTAGAACGA GCACTTGC	20440
7158	CUAUUCAC A CUCGCGCG	2741	CGCGAGTG GGCTAGCTACAACGA GAATAGTG	20441
		2742	CGCGCGAG GGCTAGCTACAACGA GTGAATAG	20442
7234	GACAAGUC A CCCUCACC	2758	GGTGAGGG GGCTAGCTACAACGA GACTTGTC	20443
7240	UCACCCUC A CCGUUACG	2762	CGTAACGG GGCTAGCTACAACGA GAGGGTGA	20444
7263	GCGGCAAC A CUCCUUUU	2766	AAAAGGAG GGCTAGCTACAACGA GTTGCCGC	20445
7277	UUUUUGCC A CUAUGCCU	2771	AGGCATAG GGCTAGCTACAACGA GGCAAAAA	20446
7288	AUGCCUAC A UGGUUCCC	2775	GGGAACCA GGCTAGCTACAACGA GTAGGCAT	20447
7351	CCGGAAUC A UGAAGAAC	2788	GTTCTTCA GGCTAGCTACAACGA GATTCCGG	20448
7375	UGGAUGGC A UCGUGGCC	2790	GGCCACGA GGCTAGCTACAACGA GCCATCCA	20449
7384	UCGUGGCC A CGGACGUC	2792	GACGTCCG GGCTAGCTACAACGA GGCCACGA	20450
7408	UAGAGCGC A CCACACCC	2796	GGGTGTGG GGCTAGCTACAACGA GCGCTCTA	20451
7411	AGCGCACC A CACCCAUC	2798	GATGGGTG GGCTAGCTACAACGA GGTGCGCT	20452
7413	CGCACCAC A CCCAUCAU	2799	ATGATGGG GGCTAGCTACAACGA GTGGTGCG	20453
7417	CCACACCC A UCAUGCAG	2802	CTGCATGA GGCTAGCTACAACGA GGGTGTGG	20454
			TOTOLOGO GOOLOGO	

			lable VI	
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7444	GACAGAUC A UGCUGAUC	2806	GATCAGCA GGCTAGCTACAACGA GATCTGTC	20456
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7585	CAACUGCC A UCGGACUC	2829	GAGTCCGA GGCTAGCTACAACGA GGCAGTTG	20458
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7600	UCUGCCAC A UCAUGCGU	2834	ACGCATGA GGCTAGCTACAACGA GTGGCAGA	20460
7603	GCCACAUC A UGCGUGGG	2835	CCCACGCA GGCTAGCTACAACGA GATGTGGC	20461
7623	UGGUUGUC A UGUCUAUC	2836	GATAGACA GGCTAGCTACAACGA GACAACCA	20462
7633	GUCUAUCC A UAACAUGG	2839	CCATGTTA GGCTAGCTACAACGA GGATAGAC	20463
7638	UCCAUAAC A UGGACACU	2840	AGTGTCCA GGCTAGCTACAACGA GTTATGGA	20464
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7648	GGACACUC A UAAAGAAC	2843	GTTCTTTA GGCTAGCTACAACGA GAGTGTCC	20466
7657	UAAAGAAC A UGGAAAAA	2844	TTTTTCCA GGCTAGCTACAACGA GTTCTTTA	20467
7699	AAGGACGC A CCUUGGGA	2849	TCCCAAGG GGCTAGCTACAACGA GCGTCCTT	20468
7753	AAGAGUUC A CUAGGUAC	2857	GTACCTAG GGCTAGCTACAACGA GAACTCTT	20469
7774	AAGAGGCC A UCAUCGAA	2862	TTCGATGA GGCTACCAACGA GGCCTCTT	<del></del>
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7805	GGCAAAAC A CGCCAGGA	2867	TCCTGGCG GGCTAGCTACAACGA GTTTTGCC	20471
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7990	GAGGGUAC A CAAAGGGC	2895	GCCCTTTG GGCTAGCTACAACGA GTACCCTC	
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B056	UUGUCACC A UGAAGAGU	2909	ACTOTICA GGCTAGCTACAACGA GGTGACAA	20479
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8119	UUUGUGAC A UCGGAGAG	2921	CTCTCCGA GGCTAGCTACAACGA GTCACAAA	20481
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8254	CGAAAGUC A UAGAGAAG	2943	CTTCTCTA GGCTAGCTACAACGA GACTTTCG	20485
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8506	ACUCAGAC A CCAGUAAA	2989	TTTACTGG GGCTAGCTACAACGA GTCTGAGT	20491
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8583	AACCACCC A UAUAGAAC	3004	GTTCTATA GGCTAGCTACAACGA GGTTCTCA	20495
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8689	GGGACACC A UCACGAAU	3030	ATTCGTGA GGCTAGCTACAACGA GTCCCATG	20500
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8707	UUACCACC A UGGCCAUG	3035	CATGGCCA GGCTAGCTACAACGA GGTAACAT CATGGCCA GGCTAGCTACAACGA GGTGGTAA	20503
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8722	UGACUGAC A CUACUCCC	3039		20505
8767	AGGUGGAC A CGAAAGCU	3039	GGGAGTAG GGCTAGCTACAACGA GTCAGTCA	20506
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8884	AGGAAUUC A UAAGAAAG	3069	CCAGTTGG GGCTAGCTACAACGA GGTCTCAT	20508
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9009	CGCGAGGC A CAUCUGCG	3076	TTCAAACA GGCTAGCTACAACGA GGCACCCA	20510
9011	CGAGGCAC A UCUGCGGG		CGCAGATG GGCTAGCTACAACGA GCCTCGCG	20511
9029	GGAAUGUC A CACUUGCA	3085	CCCGCAGA GGCTAGCTACAACGA GTGCCTCG	20512
9031	AAUGUCAC A CUUGCAUU	3087	TGCAAGTG GGCTAGCTACAACGA GACATTCC	20513
9037	ACACUUGC A UUUACAAC	3088	AATGCAAG GGCTAGCTACAACGA GTGACATT	20514
9046	UUUACAAC A UGAUGGGA		GTTGTAAA GGCTAGCTACAACGA GCAAGTGT	20515
	- CONCERN CONTROL CONT	3092	TCCCATCA GGCTAGCTACAACGA GTTGTAAA	20516

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			•	Loosan
9106	GCAGAGCC A UUUGGUUC	3099	GAACCAAA GGCTAGCTACAACGA GGCTCTGC	20517
9115	UUUGGUUC A UGUGGCUC	3100	GAGCCACA GGCTAGCTACAACGA GAACCAAA	20518
9173	UGAAGACC A CUGGCUUG	3110	CAAGCCAG GGCTAGCTACAACGA GGTCTTCA	20519
9238	UGGGUUAC A UCCUGCGU	3121	ACGCAGGA GGCTAGCTACAACGA GTAACCCA	20520
9256	AAGUUGGC A CCCGGCCU	3124	AGGCCGGG GGCTAGCTACAACGA GCCAACTT	20521
9289	CUGAUGAC A CAGCUGGC	3132	GCCAGCTG GGCTAGCTACAACGA GTCATCAG	20522
9304	GCUGGGAC A CCCGCAUC	3136	GATGCGGG GGCTAGCTACAACGA GTCCCAGC	20523
9310	ACACCCGC A UCACGAGA	3139	TCTCGTGA GGCTAGCTACAACGA GCGGGTGT	20524
9313	CCCGCAUC A CGAGAGCU	3140	AGCTCTCG GGCTAGCTACAACGA GATGCGGG	20525
9368	UGGGGAAC A UCGGCGUC	3147	GACGCCGA GGCTAGCTACAACGA GTTCCCCA	20526
9388	CCAGGGCC A UCAUUGAG	3152	CTCAATGA GGCTAGCTACAACGA GGCCCTGG	20527
9391	GGGCCAUC A UUGAGCUC	3153	GAGCTCAA GGCTAGCTACAACGA GATGGCCC	
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9410	CUAUCGUC A CAAAGUUG	3158	CAACTTTG GGCTAGCTACAACGA GACGATAG	20530
9457	GAACCGUC A UGGAUGUU	3165	AACATCCA GGCTAGCTACAACGA GACGGTTC	20531
9505	AAGUUGUC A CCUACGCC	3171	GGCGTAGG GGCTAGCTACAACGA GACAACTT	20532
9520	CCCUAAAC A CUUUCACC	3177	GGTGAAAG GGCTAGCTACAACGA GTTTAGGG	20533
9526	ACACUUUC A CCAACCUG	3179	CAGGTTGG GGCTAGCTACAACGA GAAAGTGT	20534
9601	AGAAACUC A CAAAAGGG	3192	CCCTTTTG GGCTAGCTACAACGA GAGTTTCT GACAGCCA GGCTAGCTACAACGA GCGGCTGA	20535
9667	UCAGCCGC A UGGCUGUC	3204		20536
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9731	CUCGCUCC A CUUCCUCA	3219	CTCTTGGA GGCTAGCTACAACGA GTCTTTGC	20539
9766	GCAAAGAC A UCCAAGAG	3227	GAGCAAAA GGCTAGCTACAACGA GGAACCTG	20540
9816	CAGGUUCC A UUUUGCUC	3236	CAGTGAAA GGCTAGCTACAACGA GGTTTGAG	20541
9830	CUCAAACC A UUUCACUG	3240	CARTCAG GGCTAGCTACAACGA GAAATGGT	20542
9835	ACCAUUUC A CUGAAUUG	3241	ATCTTTCA GGCTAGCTACAACGA GATCAATT	20542
9847	AAUUGAUC A UGAAAGAU	3243	ACCACCAG GGCTAGCTACAACGA GATCAATT	20544
9864	GGAAGAAC A CUGGUGGU	3244 3247	CCTCGGCA GGCTAGCTACAACGA GGAACCAC	20545
9876	GUGGUUCC A UGCCGAGG GAGCUCGC A UAUCUCCA	3252	TGGAGATA GGCTAGCTACAACGA GCGAGCTC	20546
9913	UCCGCGAC A CUGCUUGU	3258	ACAAGCAG GGCTAGCTACAACGA GTCGCGGA	20547
9946	GUACUUCC A CAGAAGAG	3272	CTCTTCTG GGCTAGCTACAACGA GGAAGTAC	20548
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10075	GAAGAACC A CGUGGUCC	3293	GGACCACG GGCTAGCTACAACGA GGTTCTTC	20551
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10228	GAGAGGAC A UCUGGUGU	3313	ACACCAGA GGCTAGCTACAACGA GTCCTCTC	20556
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10641	AGGACCCC A CAUGUUGU	3377	ACAACATG GGCTAGCTACAACGA GGGGTCCT	20568
10643	GACCCCAC A UGUUGUAA	3378	TTACAACA GGCTAGCTACAACGA GTGGGGTC	20569
10674	GUCAGACC A CGCUACGG	3386	CCGTAGCG GGCTAGCTACAACGA GGTCTGAC	20570
10759	AACGCCCC A CGCGGCCC	3405	GGGCCGCG GGCTAGCTACAACGA GGGGCGTT	20571
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10910	CACAAAAC A CCACAACA	3434	TGTTGTGG GGCTAGCTACAACGA GTTTTGTG	20574
10913	AAAACACC A CAACAAAA	3436	TTTTGTTG GGCTAGCTACAACGA GGTGTTTT	20575
10926	AAAACAGC A UAUUGACA	3440	TGTCAATA GGCTAGCTACAACGA GCTGTTTT	20576
10934	AUAUUGAC A CCUGGGAU	3441	ATCCCAGG GGCTAGCTACAACGA GTCAATAT	20577
10967	UGCUCUGC A CAACCAGC	3449	GCTGGTTG GGCTAGCTACAACGA GCAGAGCA	20578

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Table VI						
10977	AACCAGCC A CACGGCAC	3454	GTGCCGTG GGCTAGCTACAACGA GGCTGGTT	20579		
10979	CCAGCCAC A CGGCACAG	3455	CTGTGCCG GGCTAGCTACAACGA GTGGCTGG	20580		
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9	AGUAGUUC G CCUGUGUG	3462	CACACAGG GGCTAGCTACAACGA GAACTACT	20583		
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19	CUGUGUGA G CUGACAAA	3465	TTTGTCAG GGCTAGCTACAACGA TCACACAG	20586		
32	CAAACUUA G UAGUGUUU	3466	AAACACTA GGCTAGCTACAACGA TAAGTTTG	20587		
35	ACUUAGUA G UGUUUGUG	3467	CACAAACA GGCTAGCTACAACGA TACTAAGT	20588		
	UUAGUAGU G UUUGUGAG	3468	CTCACAAA GGCTAGCTACAACGA ACTACTAA	20589		
41	UAGUGUUU G UGAGGAUU	3469	AATCCTCA GGCTAGCTACAACGA AAACACTA	20590		
66	UUAACACA G UGCGAGCU	3470	AGCTCGCA GGCTAGCTACAACGA TGTGTTAA	20591		
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72		3473	CTAAGAAA GGCTAGCTACAACGA AGCTCGCA	20594		
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83	AUCUCGAU G UCUAAGAA	3475	TTCTTAGA GGCTAGCTACAACGA ATCGAGAT	20596		
99	CCAGGAGG G CCCGGCAA	3476	TTGCCGGG GGCTAGCTACAACGA CCTCCTGG	20597		
117		3477	GGCTCTTG GGCTAGCTACAACGA CGGGCCCT	20598		
122	AGGGCCG G CAAGAGCC	3478	CAGCCCGG GGCTAGCTACAACGA TCTTGCCG	20599		
128	CGGCAAGA G CCGGGCUG	3479	ATTGACAG GGCTAGCTACAACGA CCGGCTCT	20600		
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144	GUCAAUAU G CUAAAACG	3482	GCATTCCG GGCTAGCTACAACGA GTTTTAGC	20603		
152	GCUAAAAC G CGGAAUGC CGCGGAAU G CCCCGCGU	3483	ACGCGGG GGCTAGCTACAACGA ATTCCGCG	20604		
159	AAUGCCCC G CGUGUUGU	3484	ACAACACG GGCTAGCTACAACGA GGGGCATT	20605		
164	UGCCCGC G UGUUGUCC	3485	GGACAACA GGCTAGCTACAACGA GCGGGGCA	20606		
166			AAGGACAA GGCTAGCTACAACGA GCGGGGGG	20607		
168	CCCGCGU G UUGUCCUU	3486	ATCAAGGA GGCTAGCTACAACGA AACACGCG	20608		
171	CGCGUGUU G UCCUUGAU	3487	CAACATAG GGCTAGCTACAACGA CCTCTTCA	20609		
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252			GCTGTGAA GGCTAGCTACAACGA CTGAAGAA	20619		
261	UUCUUCAG G UUCACAGC	3498	AGCAATTG GGCTAGCTACAACGA TGTGAACC	20620		
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376	UGACCAGU G CUAUCAAU	3509	ATTGATAG GGCTAGCTACAACGA ACTGGTCA	20630		
387	AUCAAUCG G CGGAGCUC	3510	GAGCTCCG GGCTAGCTACAACGA CGATTGAT	20631		
392	UCGGCGGA G CUCAAAAC	3511	GTTTTGAG GGCTAGCTACAACGA TCCGCCGA	20632		
430	CCGGAAUU G CAGUCAUG	3512	CATGACTG GGCTAGCTACAACGA AATTCCGG	20633		
433	GAAUUGCA G UCAUGAUU	3513	AATCATGA GGCTAGCTACAACGA TGCAATTC	20634		
443	CAUGAUUG G CCUGAUCG	3514	CGATCAGG GGCTAGCTACAACGA CAATCATG	20635		
451	GCCUGAUC G CCAGCGUA	3515	TACGCTGG GGCTAGCTACAACGA GATCAGGC	20636		
455	GAUCGCCA G CGUAGGAG	3516	CTCCTACG GGCTAGCTACAACGA TGGCGATC	20637		
457	UCGCCAGC G UAGGAGCA	3517	TGCTCCTA GGCTAGCTACAACGA GCTGGCGA	20638		
463	GCGUAGGA G CAGUUACC	3518	GGTAACTG GGCTAGCTACAACGA TCCTACGC	20639		
466	UAGGAGCA G UUACCCUC	3519	GAGGGTAA GGCTAGCTACAACGA TGCTCCTA	20640		

		T	able VI	
493	AAGGGAAG G UGAUGAUG	3520	CATCATCA GGCTAGCTACAACGA CTTCCCTT	20641
505	UGAUGACG G UAAAUGCU	3521	AGCATTTA GGCTAGCTACAACGA CGTCATCA	20642
511	CGGUAAAU G CUACUGAC	3522	GTCAGTAG GGCTAGCTACAACGA ATTTACCG	20643
520	CUACUGAC G UCACAGAU	3523	ATCTGTGA GGCTAGCTACAACGA GTCAGTAG	+
529	UCACAGAU G UCAUCACG	<del></del>	CGTGATGA GGCTAGCTACAACGA GTCAGTAG	20644
		3524		20645
547	UUCCAACA G CUGCUGGA	3525	TCCAGCAG GGCTAGCTACAACGA TGTTGGAA	20646
550	CAACAGCU G CUGGAAAG	3526	CTTTCCAG GGCTAGCTACAACGA AGCTGTTG	20647
566	GAACCUAU G CAUUGUCA	3527	TGACAATG GGCTAGCTACAACGA ATAGGTTC	20648
571	UAUGCAUU G UCAGAGCA	3528	TGCTCTGA GGCTAGCTACAACGA AATGCATA	20649
577	UUGUCAGA G CAAUGGAU	3529	ATCCATTG GGCTAGCTACAACGA TCTGACAA	20650
586	CAAUGGAU G UGGGAUAC	3530	GTATCCCA GGCTAGCTACAACGA ATCCATTG	20651
597	GGAUACAU G UGCGAUGA	3531	TCATCGCA GGCTAGCTACAACGA ATGTATCC	20652
599	AUACAUGU G CGAUGAUA	3532	TATCATCG GGCTAGCTACAACGA ACATGTAT	20653
623	UUAUGAAU G CCCAGUGC	3533	GCACTGGG GGCTAGCTACAACGA ATTCATAA	20654
628	AAUGCCCA G UGCUGUCG	3534	CGACAGCA GGCTAGCTACAACGA TGGGCATT	20655
630	UGCCCAGU G CUGUCGGC	3535	GCCGACAG GGCTAGCTACAACGA ACTGGGCA	20656
633	CCAGUGCU G UCGGCUGG	3536	CCAGCCGA GGCTAGCTACAACGA AGCACTGG	20657
637	UGCUGUCG G CUGGUAAU	3537	ATTACCAG GGCTAGCTACAACGA CGACAGCA	20658
641	GUCGGCUG G UAAUGAUC	3538	GATCATTA GGCTAGCTACAACGA CAGCCGAC	20659
665	CAUCGACU G UUGGUGCA	3539	TGCACCAA GGCTAGCTACAACGA AGTCGATG	20660
669	GACUGUUG G UGCACAAA	3540	TTTGTGCA GGCTAGCTACAACGA CAACAGTC	20661
671	CUGUUGGU G CACAAAGU	3541	ACTTTGTG GGCTAGCTACAACGA ACCAACAG	20662
678	UGCACAAA G UCAGCAGU	3542	ACTGCTGA GGCTAGCTACAACGA TTTGTGCA	20663
682	CAAAGUCA G CAGUCUAC	3543	GTAGACTG GGCTAGCTACAACGA TGACTTTG	20664
685	AGUCAGCA G UCUACGUC	3544	GACGTAGA GGCTAGCTACAACGA TGCTGACT	20665
691	CAGUCUAC G UCAGGUAU	3545	ATACCTGA GGCTAGCTACAACGA GTAGACTG	20666
696	UACGUCAG G UAUGGAAG	3546	CTTCCATA GGCTAGCTACAACGA CTGACGTA	20667
707	UGGAAGAU G CACCAAGA	3547	TCTTGGTG GGCTAGCTACAACGA ATCTTCCA	20668
719	CAAGACAC G CCACUCAA	3548	TTGAGTGG GGCTAGCTACAACGA GTGTCTTG	20669
731	CUCAAGAC G CAGUCGGA	3549	TCCGACTG GGCTAGCTACAACGA GTCTTGAG	20670
734	AAGACGCA G UCGGAGGU	3550	ACCTCCGA GGCTAGCTACAACGA TGCGTCTT	20671
741	AGUCGGAG G UCACUGAC	3551	GTCAGTGA GGCTAGCTACAACGA CTCCGACT	20672
751	CACUGACA G UGCAGACA	3552	TGTCTGCA GGCTAGCTACAACGA TGTCAGTG	20672
753	CUGACAGU G CAGACACA	3553	TGTGTCTG GGCTAGCTACAACGA ACTGTCAG	20674
770	CGGAGAAA G CACUCUAG	3554	CTAGAGTG GGCTAGCTACAACGA TTTCTCCG	<u> </u>
778	GCACUCUA G CGAACAAG	3555	CTTGTTCG GGCTAGCTACAACGA TAGAGTGC	20675
793	AGAAGGGG G CUUGGAUG	3556	CATCCAAG GGCTAGCTACAACGA CCCCTTCT	20676
806	GAUGGACA G CACCAAGG	3557	CCTTGGTG GGCTAGCTACAACGA TGTCCATC	20677
814	GCACCAAG G CCACAAGG			20678
822	GCCACAAG G UAUUUGGU	3558	CCTTGTGG GGCTAGCTACAACGA CTTGGTGC	20679
829	GCACAAG G VAOOUGGU	3559	ACCAAATA GGCTAGCTACAACGA CTTGTGGC TGTTTTTA GGCTAGCTACAACGA CAAATACC	20680
868	CUGGAUAU G CCCUGGUG	3560		20681
		3561	CACCAGGG GGCTAGCTACAACGA ATATCCAG	20682
874	AUGCCCUG G UGGCAGCC	3562	GGCTGCCA GGCTAGCTACAACGA CAGGGCAT	20683
877	CCCUGGUG G CAGCCGUC	3563	GACGGCTG GGCTAGCTACAACGA CACCAGGG	20684
880	UGGUGGCA G CCGUCAUU	3564	AATGACGG GGCTAGCTACAACGA TGCCACCA	20685
883	UGGCAGCC G UCAUUGGU	3565	ACCAATGA GGCTAGCTACAACGA GGCTGCCA	20686
890	CGUCAUUG G UUGGAUGC	3566	GCATCCAA GGCTAGCTACAACGA CAATGACG	20687
897	GGUUGGAU G CUUGGGAG	3567	CTCCCAAG GGCTAGCTACAACGA ATCCAACC	20688
905	GCUUGGGA G CAACACCA	3568	TGGTGTTG GGCTAGCTACAACGA TCCCAAGC	20689
915	AACACCAU G CAGAGAGU	3569	ACTCTCTG GGCTAGCTACAACGA ATGGTGTT	20690
922	UGCAGAGA G UUGUGUUU	3570	AAACACAA GGCTAGCTACAACGA TCTCTGCA	20691
925	AGAGAGUU G UGUUUGUC	3571	GACAAACA GGCTAGCTACAACGA AACTCTCT	20692
927	AGAGUUGU G UUUGUCGU	3572	ACGACAAA GGCTAGCTACAACGA ACAACTCT	20693
931	UUGUGUUU G UCGUGCUA	3573	TAGCACGA GGCTAGCTACAACGA AAACACAA	20694
934	UGUUUGUC G UGCUAUUG	3574	CAATAGCA GGCTAGCTACAACGA GACAAACA	20695
936	UUUGUCGU G CUAUUGCU	3575	AGCAATAG GGCTAGCTACAACGA ACGACAAA	20696
942	GUGCUAUU G CUUUUGGU	3576	ACCAAAAG GGCTAGCTACAACGA AATAGCAC	20697
949	UGCUUUUG G UGGCCCCA	3577	TGGGGCCA GGCTAGCTACAACGA CAAAAGCA	20698
952	UUUUGGUG G CCCCAGCU	3578	AGCTGGGG GGCTAGCTACAACGA CACCAAAA	20699
958	UGGCCCCA G CUUACAGC	3579	GCTGTAAG GGCTAGCTACAACGA TGGGGCCA	20700
965	AGCUUACA G CUUCAACU	3580	AGTTGAAG GGCTAGCTACAACGA TGTAAGCT	20701
974	CUUCAACU G CCUUGGAA	3581	TTCCAAGG GGCTAGCTACAACGA AGTTGAAG	20702

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986	UGGAAUGA G CAACAGAG	3582	CTCTGTTG GGCTAGCTACAACGA TCATTCCA	20703
1009	UGGAAGGA G UGUCUGGA	3583	TCCAGACA GGCTAGCTACAACGA TCCTTCCA	
1011	GAAGGAGU G UCUGGAGC	3584	GCTCCAGA GGCTAGCTACAACGA ACTCCTTC	20704
1018	UGUCUGGA G CAACAUGG	3585	CCATGTTG GGCTAGCTACAACGA TCCAGACA	20705
1027	CAACAUGG G UGGAUUUG	3586	CAAATCCA GGCTAGCTACAACGA CCATGTTG	20706
1036	UGGAUUUG G UUCUCGAA	3587	TRYCAGAA CCCTAGCTAGAACGA CCATGTTG	20707
1046	UCUCGAAG G CGACAGCU	3588	TTCGAGAA GGCTAGCTACAACGA CAAATCCA	20708
1052	AGGCGACA G CUGCGUGA		AGCTGTCG GGCTAGCTACAACGA CTTCGAGA	20709
1055	CGACAGCU G CGUGACUA	3589	TCACGCAG GGCTAGCTACAACGA TGTCGCCT	20710
1057	ACAGCUGC G UGACUAUC	3590	TAGTCACG GGCTAGCTACAACGA AGCTGTCG	20711
1068	+	3591	GATAGTCA GGCTAGCTACAACGA GCAGCTGT	20712
<u> </u>	ACUAUCAU G UCUAAGGA	3592	TCCTTAGA GGCTAGCTACAACGA ATGATAGT	20713
1080	AAGGACAA G CCUACCAU	3593	ATGGTAGG GGCTAGCTACAACGA TTGTCCTT	20714
1093	CCAUCGAU G UGAAGAUG	3594	CATCTTCA GGCTAGCTACAACGA ATCGATGG	20715
1114	AUAUGGAG G CGGUCAAC	3595	GTTGACCG GGCTAGCTACAACGA CTCCATAT	20716
1117	UGGAGGCG G UCAACCUG	3596	CAGGTTGA GGCTAGCTACAACGA CGCCTCCA	20717
1126	UCAACCUG G CAGAGGUC	3597	GACCTCTG GGCTAGCTACAACGA CAGGTTGA	20718
1132	UGGCAGAG G UCCGCAGU	3598	ACTGCGGA GGCTAGCTACAACGA CTCTGCCA	20719
1136	AGAGGUCC G CAGUUAUU	3599	AATAACTG GGCTAGCTACAACGA GGACCTCT	20720
1139	GGUCCGCA G UUAUUGCU	3600	AGCAATAA GGCTAGCTACAACGA TGCGGACC	
1145	CAGUUAUU G CUAUUUGG	3601	CCAAATAG GGCTAGCTACAACGA AATAACTG	20721
1153	GCUAUUUG G CUACCGUC	3602	GACGGTAG GGCTAGCTACAACGA CAAATAGC	20722
1159	UGGCUACC G UCAGCGAU	3603	ATCGCTGA GGCTAGCTACAACGA GGTAGCCA	20723
1163	UACCGUCA G CGAUCUCU	3604	AGAGATCG GGCTAGCTACAACGA TGACGGTA	20724
1180	CCACCAAA G CUGCGUGC	3605	GCACGCAG GGCTAGCTACAACGA TGACGGTA	20725
1183	CCAAAGCU G CGUGCCCG	3606		20726
1185	AAAGCUGC G UGCCCGAC	3607	CGGGCACG GGCTAGCTACAACGA AGCTTTGG	20727
1187	AGCUGCGU G CCCGACCA	3608	GTCGGGCA GGCTAGCTACAACGA GCAGCTTT	20728
1204	UGGGAGAA G CUCACAAU	3609	TGGTCGGG GGCTAGCTACAACGA ACGCAGCT	20729
1220	UGACAAAC G UGCUGACC	3610	ATTGTGAG GGCTAGCTACAACGA TTCTCCCA	20730
1222	ACAAACGU G CUGACCCA		GGTCAGCA GGCTAGCTACAACGA GTTTGTCA	20731
1231	CUGACCCA G CUUUUGUG	3611	TGGGTCAG GGCTAGCTACAACGA ACGTTTGT	20732
1237	CAGCUUUU G UGUGCAGA	3612	CACAAAAG GGCTAGCTACAACGA TGGGTCAG	20733
1239	GCUUUUGU G UGCAGACA	3613	TCTGCACA GGCTAGCTACAACGA AAAAGCTG	20734
1241	UUUUGUGU G CAGACAAG	3614	TGTCTGCA GGCTAGCTACAACGA ACAAAAGC	20735
1252		3615	CTTGTCTG GGCTAGCTACAACGA ACACAAAA	20736
1255	GACAAGGA G UGGUGGAC	3616	GTCCACCA GGCTAGCTACAACGA TCCTTGTC	20737
1265	AAGGAGUG G UGGACAGG	3617	CCTGTCCA GGCTAGCTACAACGA CACTCCTT	20738
1271	GGACAGGG G CUGGGGCA	3618	TGCCCCAG GGCTAGCTACAACGA CCCTGTCC	20739
<b> </b>	GGGCUGGG G CAACGGCU	3619	AGCCGTTG GGCTAGCTACAACGA CCCAGCCC	20740
1277	GGGCAACG G CUGCGGAU	3620	ATCCGCAG GGCTAGCTACAACGA CGTTGCCC	20741
1280	CAACGGCU G CGGAUUAU	3621	ATAATCCG GGCTAGCTACAACGA AGCCGTTG	20742
1292	AUUAUUUG G CAAAGGAA	3622	TTCCTTTG GGCTAGCTACAACGA CAAATAAT	20743
1301	CAAAGGAA G CAUUGACA	3623	TGTCAATG GGCTAGCTACAACGA TTCCTTTG	20744
1313	UGACACAU G CGCCAAAU	3624	ATTTGGCG GGCTAGCTACAACGA ATGTGTCA	20745
1315	ACACAUGC G CCAAAUUU	3625	AAATTTGG GGCTAGCTACAACGA GCATGTGT	+
1324	CCAAAUUU G CCUGCUCU	3626	AGAGCAGG GGCTAGCTACAACGA AAATTTGG	20746
1328	AUUUGCCU G CUCUACCA	3627	TGGTAGAG GGCTAGCTACAACGA AGGCAAAT	20747
1339	CUACCAAG G CAAUAGGA	3628	TCCTATTG GGCTAGCTACAACGA CTTGGTAG	20748
1374	AAUAUCAA G UACGAAGU	3629	ACTTCGTA GGCTAGCTACAACGA TTGATATT	20749
1381	AGUACGAA G UGGCCAUU	3630	AATGGCCA GGCTAGCTACAACGA TTCGTACT	20750
1384	ACGAAGUG G CCAUUUUU	3631	AAAAATGG GGCTAGCTACAACGA CACTTCGT	20751
1393	CCAUUUUU G UCCAUGGA	3632	TCCATCCA CCCTACOTTACAACGA CACTTCGT	20752
1411	CAACUACU G UGGAGUCG	3633	TCCATGGA GGCTAGCTACAACGA AAAAATGG	20753
1416	ACUGUGGA G UCGCACGG	3634	CGACTCCA GGCTAGCTACAACGA AGTAGTTG	20754
1419	GUGGAGUC G CACGGAAA	3635	CCGTGCGA GGCTAGCTACAACGA TCCACAGT	20755
1441	CCACACAG G UUGGAGCC		TTTCCGTG GGCTAGCTACAACGA GACTCCAC	20756
1447	AGGUUGGA G CCACUCAG	3636	GGCTCCAA GGCTAGCTACAACGA CTGTGTGG	20757
1456	CCACUCAG G CAGGGAGA	3637	CTGAGTGG GGCTAGCTACAACGA TCCAACCT	20758
1469	GAGAUUCA G CAUCACUC	3638	TCTCCCTG GGCTAGCTACAACGA CTGAGTGG	20759
1480		3639	GAGTGATG GGCTAGCTACAACGA TGAATCTC	20760
1483	UCACUCCU G CGGCGCCU	3640	AGGCGCCG GGCTAGCTACAACGA AGGAGTGA	20761
1485	CUCCUGCG G CGCCUUCA	3641	TGAAGGCG GGCTAGCTACAACGA CGCAGGAG	20762
	CCUGCGGC G CCUUCAUA	3642	TATGAAGG GGCTAGCTACAACGA GCCGCAGG	20763
1503	ACACUAAA G CUUGGAGA	3643	TCTCCAAG GGCTAGCTACAACGA TTTAGTGT	20764
	<del></del>			

1952   AUGGRANG G UBACAGUS   3645   CACTOTCA GCTAGCTALANCOL CILTCOMT   20766				Table VI	,
1525   AGGIGACIA & DIGARCICU   3445   ACRATICA GOTTAGCTACARGA TOTRACT   20766	1522	AUGGAGAG G UGACAGUG	3644	CACTICACA CCCTACCTACA ACCA CACCACA	
1-15-5  AGUGGACO 6  UGAACCAC   3646   GTGGTTCA GGCTAGCTACACACAC AGTCCACT   20767   1564   ACACCAC 9  GCATAGCTAC   3647   ATCCCTOR GGCTAGCTACACACAC AGTGGTTC   20767   1564   ACACCAC 9  GCATAGCTAC   3648   AGTCACTCA GGCTAGCTACACACAC AGTGGTTC   20767   1573   CAUCUTG 6  UGAAGACA   3659   AGTCACTCA GGCTAGCTACACACAC AGTGGTTC   20767   1562   UGAUGGAC 0  UUGAGACA   3650   TUTTCCAA GGCTAGCTACACACAC AGTGGTTCAC   20771   1562   UGAUGGAC 0  UUGAGACA   3650   TUTTCCAA GGCTAGCTACACACAC AGTGGTTCAC   20771   1600   CUULUUU G UCCAUCGU   3651   ACCACACA GGCTAGCTACACACA GATGGAC   20771   1610   GGUCCAUC GUUCCUU G UCCAUCGU   3652   ACQACACA GGCTAGCTACACACA GATGGAC   20771   1610   GGUCCAUC GUUCCUU G UCCAUCGU   3654   ACQACACA GGCTAGCTACACACA GATGGACACA   20771   1611   CAUCGUA GUUCCUU   3654   ATGACCA GGCTAGCTACACACA GATGGACACA   20773   1617   COUGAGAC G UCCAUCGU   3655   TUTCCAA GGCTAGCTACACACA GATGGACA   20773   1617   COUGAGAC G UCCAUCGUA   3655   TUTCCACA GGCTAGCTACACACA CACACACACA CACACACACACACACACAC	1528	AGGUGACA G UGGACUGU			
1945	1535		<del></del>		
1564	1545	+			
1973   CAUACUAC G UGAUGACU   3649   AGTCATCA GGCTAGCTACAAGAA GTAGTART   20760   1989   MAGNAGU G UNCURGU   3650   TOTTCCA GGCTAGCTACAAGAA GTCATCA   20771   1996   ACAAAGAC G UNCURGU   3651   ACCAAGAA GGCTAGCTACAAGAA CGCTAGCAACAAGAA CGCTAGCACAAGAA CGCTAGCACAAGAA CGCTAGCACAAGAA CGCTAGCAACAAGAA CGCTAGCACAAGAA CGCTAGCACAAGAA CGCTAGCACAAGAA GCCTACACAA GGCTAGCTACAAGAA CGCTACACAA GGCTAGCTACAAGAA CGCTACACAA GGCTAGCTACAAGAA CGCTACACAA GGCTAGCTACAAGAA CGCTACACAA GGCTAGCTACAAGAA ACTGCTACACAA GGCTAGCTACAAGAA ACTGCTACAACAA ACTGCTACAACAAA ACTGCTACAACAAA ACTGCTACAACAAA ACTGCTACAACAAA ACTGCTACAACAAA ACTGCTACAACAAAAAAAAAA	1564				
1592	1573			AGTICATION COCTACCTACCTACAACGA ATTIGGTGT	
1596	1582	<del>+</del>		TGTTCCAA CCCTACCTACCAACGA GTAGTATG	
1619   GUUCUUG G UCCAUGGU   3653   ACGATGGA GGCTAGCTACAAGGA CAAGAACG   20771     1610   GGUCCAUC G UGGUUCAU   3654   ATGAACGA GGCTAGCTACAAGGA CAAGAACC   20774     1617   CGUCAGGG G UUCAUGGA   3655   ATGAACCA GGCTAGCTACAAGGA CATGGACC   20775     1641   CCUCAGGG G UUCAUGGA   3655   TCCATGAA GGCTAGCTACAAGGA CACCACCA   20775     1643   CCUCAGGGG G UUCAUGGA   3656   CACCACCA GGCTAGCTACAAGGA CACCACCA   20775     1644   CGUCAGGGG G UUCAUGGA   3656   CACCACCA GGCTAGCTACAAGGA CACCACCA   20777     1646   GUUGAGACA G UUCUGGAA   3657   TCCACCA GGCTAGCTACAAGGA CACCACCA   20777     1648   GGRACAGU G UUCUGGAA   3658   ACTCCAC GGCTAGCTACAAGGA CACCACCA   20778     1659   UUCUGGAA G UUCUGGAG   3659   ACCACGTA GGCTAGCTACAAGGA ACTGCTCC   20779     1650   GANGAUCU G UUGAGAGGA   3659   ACCACGTA GGCTAGCTACAAGGA ACTGCTCC   20778     1650   GANGAUCU G UUGAGGAA   3661   TTCCCCCA GGCTAGCTACAAGGA ACTGCTCC   20780     1650   GANGAUCU G UUGAGGAA   3662   TCCCACCA GGCTAGCTACAAGGA ACTGCTCC   20781     1650   GANGAUCU G UUGAGGAA   3662   TCCCACCA GGCTAGCTACAAGGA ACTGCTCC   20781     1650   GANGAUCU G UUGAGGAA   3662   TCCCACCA GGCTAGCTACAAGGA ACTGCTCC   20782     1690   UUAAUGGA G UUCAAUGGA   3662   TCCCACCA GGCTAGCTACAAGGA ACTGCTCC   20782     1791   ACCACACA G CCACGAAG   3664   CTCCGTGA GGCTAGCTACAAGGA TCCATTAA   20784     1792   ACCACCAC G CCACGAAG   3664   CTCCGTGA GGCTAGCTACAAGGA TCCATTAA   20784     1793   ACCACACA G UUUGAGGA   3664   CTCCGTGA GGCTAGCTACAAGGA TCCGTCTA   20785     1794   ACGAGACA G UUUGAGGA   3666   CTCCACA GGCTAGCTACAAGGA TCCGTCTA   20785     1795   ACCACGA G UUGAGGA   3667   TOCTACA GGCTAGCTACAAGGA TCCGTCT   20785     1796   ACGAGAG G UUUGAGGA   3667   TOCTACA GGCTAGCTACAAGGA TCCGTCT   20785     1797   AGGAGAGA G UUCUGAGA   3667   TOCTACA GGCTAGCTACAAGGA TCCGTCT   20785     1798   ACGACAC G CACGAGA GGCTAGCTACAAGGA TCCTCCT   20785     1798   ACGACAC G CACGAGA GGCTAGCTACAAGGA TCCTCCT   20785     1799   ACGACAC G CACGAGA GGCTAGCTACAAGGA TCCTCCT   20795     1791   AGGACAC G CACCACAG   3668   GCCCATG GGCTAGCTACAAGGA TCCTCC	1596			ACCARCAA GGCTAGCTACAACGA AGTCATCA	20771
1610	1603	<del></del>		ACCATGGA GGCTAGGTAGAACGA GTCTTTGT	
1614   CAUCGURG G UGGUICAU   3555   ATGRACCA GGCTRAGTACARCAS GATGRAGA   20775     1617   CGUIRAGUI G UUCAUGGA   3655   TCCATGRA GGCTRAGTACARCAG CACTCAGG   20776     1648   CCCUUGGA G CAGUGGGG   3656   TCCATGRA GGCTRAGTACARCAG CACTCAGG   20776     1649   GGRAGAGU G UGCUGGARU   3657   TCCAGCAT GGCGTRAGTACARCAG ACTGACG   20776     1649   GGRAGAGU G UGCUGGARU   3659   ACTCCAG GGCTRAGTACARCAG ACTGACTC   20779     1655   UGCUGGARU   UGUGGAGU   3659   ACTCCAG GGCTRAGTACARCAG ACTGACTC   20779     1656   GARGUACU   GUUGGAGU   3659   ACRCAGTA GGCTRAGTACARCAG ACTGACTC   207780     1656   AGRAGACU   GUUGGAGU   3659   ACRCAGTA GGCTRAGTACARCAG ACTGACTC   207781     1656   AGRAGACU   GUUGGAGG   3660   CCCCCACA GGCTRAGTACARCAG ACTGACTC   20781     1659   AGRAGACA   GUUALUGGA   3661   TTCCTCCA GGCTRAGTACARCAG ACTGACTC   20782     1690   AGRAGACA   GUUALUGGA   3662   TCCATTAR GGCTRAGTACARCAG ACTGACTC   20782     1690   UUAALUGGA   GUUALUGGA   3663   TCCCTCACA GGCTRAGTACARCAG ACTGACTC   20782     1791   ACCCACAG   CCACGRAG   3664   CTCGTRIG GGCTRAGTACARCAG ACTGACTC   20784     1792   ARCCACAC   CCACGRAG   3664   CTCGTRIG GGCTRAGTACARCAG ACTGACTC   20784     1793   ACCCACAG   CCACGRAG   3665   ACCACAG GGCTRAGTACARCAG ACTGACTC   20786     1794   ACCACAGC   GUUCAGAG   3666   ACCACAG GGCTRAGTACARCAG ACTGACTC   20786     1795   ACCAGUGU   GUUALUGGA   3666   ACCACAG GGCTRAGTACARCAG ACTGACTC   20786     1796   CUUGUGAU   GCUUCAGA   3669   CCCCART   GGCTRAGTACARCAG ACTGACTC   20787     1797   AGRAGUU   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACTGACTC   20789     1798   UGCAUCAA   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC   20791     1799   UGCAUCAA   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC   20791     1791   UGCAUCAA   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC   20791     1792   UGCAUCAA   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC   20791     1793   MUUCAG   CAUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC   20791     1795   UGCAUCAA   GUUCAGAG   3669   CCCCART   GGCTRAGTACARCAG ACACTGC	1610				
1643   CCCUURGA O LOCAUGUM   3655   TCCATRAR GOTTACTACARCA CARTACAGC   207778     1644   UURGAGCA O UUCUUGAA   3656   ACTACCTACAGCA GOTTACTACAACGA TOCACGA   207778     1648   GGACCAUT O CUUGAADU   3659   ACTTCCAG GOTTACTACAACGA TOCTCCCA   20778     1659   GARCAGUT O LOUGAADU   3659   ACTTCCAG GOTTACTACAACGA TOCTCCC   20778     1650   GANGUACU O UUUGAGGA   3660   CCTCCACA GOTTACATCAACGA TACTCACC   20780     1652   AGUACUUU O UUUGAGGA   3661   TTCCTCCA GOTTACAACGA ACATACTT   20781     1653   AGARGAGA C   UUAAUGGA   3662   TCCATTAA GOTTACAACGA ACATACTT   20781     1659   AGARGAGA C   UUAAUGGA   3663   TCCATATA GOTTACAACGA ACATACTT   20782     1705   AACCACAC C   CCACAAAC   3663   TCCATATA GOTTACAACGA CACTACTC   20783     1713   GCCACGAA   CAAGUUUU   3665   ACRACATGA GOTTACTACAACGA TOCTCTCT   20783     1714   AACCACAC C   CCACAAAC   3667   TCCTCAAA GOTTACTACAACGA TCCTTCTC   20787     1715   ACCACAC C   CCUUUGAU   3665   ACRACACTG GOTTACTACAACGA TCCTTCTG   20787     1716   ACCACAC C   CUUUGAGA   3667   TCCTCAAA GOTTACTACAACGA TCCTTCTG   20787     1717   ACCACAC C   CUUUGAGU   3665   ACRACACTG GOTTACTACAACGA TCCTTCTG   20787     1718   ACCACAC C   CUUUGAGU   3666   ATCACAGA GOTTACTACAACGA TCCTTCTG   20787     1720   AGCACUUU   GUAUAGGA   3667   TCCTCATA GOTTACTACAACGA TCCTTCTG   20787     1721   AGCAUUG   GUAUAGGA   3667   TCCTCATA GOTTACTACAACGA ACATTCCT   20787     1722   AGCAUUG   GUAUAGGA   3668   CCTTCTCAG GOTTACTACAACGA ACATTCCT   20787     1723   AGCAUUG   GUUCACAAG   3669   CTTCTTCAG GOTTACTACAACGA ACATTCCT   20787     1724   AACAGAGGA   CUUUGAU   3669   CTTCTTCAG GOTTACTACAACGA ACATTCCT   20787     1725   GGAGCUU   GUUCACAAG   3671   GCTTGATG GGCTACTACAACGA TATCCAC   20787     1725   GGAGCUU   GUUCACAAG   3671   GCTTGATG GGCTACAACGA CAATGCT   20797     1726   CUUUCAGA   GUUCACAAG   3672   ACCACAG GGTACACACACA CAATGCT   20797     1727   UUGACGGA   GCUUCACAAG   3672   ACCACAG GGTACACACAGA CAATGCT   20797     1728   GCACACUU   GUAGAGGC   3673   GCTTACTACACAGA GCTACACCACA CAATGCT   20797     1729   GCACACAU	1614	<del> </del>		ATGAACCA GCCTAGGTAGAACGA GATGGACC	
1646   UNGARGAC & GUEUGGAN   3655   CASCACTO GOCTAGCARACGA TOCARGOS   20777     1648   GGACCAGU & CUUGGAAGU   3657   TECCAGA GGCTAGCTACAACGA TOCARGOS   20778     1659   UGUGGAAG & UNGGAGG   3659   ACTACCAG GGCTAGCTACAACGA ACTOCTCA   20778     1659   UGUGGAGG & UNGGAGG   3659   ACCACAGTA GGCTAGCTACAACGA ACTGCTC   20779     1650   GAAGUACU & UUGGAGGG   3660   CCTCCACA GGCTAGCTACAACGA ACTGCTC   20781     1652   AGUACUGU & UUGAAGGA   3661   TCCCTCCAC GGCTAGCTACAACGA ACTGCTC   20782     1653   AGUACUGU & UUGAAGGA   3661   TCCTCCAC GGCTAGCTACAACGA ACTGCTC   20782     1664   AGUAGUGG & UUGAAGGA   3662   TCCTCATA GGCTAGCTACAACGA CACTGCT   20782     1679   UUAAUGGA & UUUGAGGA   3663   TCCTCATA GGCTAGCTACAACGA FOTCTCT   20782     1680   AGAGAGC & UUUGAGGA   3664   CTTCOTTG GGCTAGCTACAACGA FOTCTCT   20784     1710   ACCACAC & CCACGAAA   3664   CTTCOTTG GGCTAGCTACAACGA FOTCTCT   20784     1711   GCCACGAA & CAGUCUGU   3665   ACRACATG GGCTAGCTACAACGA TCCATTGA     1712   GCCACGAA & CAGUCUGU   3665   ACRACATG GGCTAGCTACAACGA TCCATTGA     1713   GCCACGAA & CAGUCUGU   3665   ACRACATG GGCTAGCTACAACGA TCCATGC   20786     1714   AGAGAGCA & UCUGCAGA   3669   TCCTCATA GGCTAGCTACAACGA TCCATGC   20786     1715   AGCAUGAG & GUUCGAGA   3669   TCCTCATCA GGCTAGCTACAACGA TCCATGC   20786     1716   AGAGUU & CUCACAA   3669   TCCTCATCA GGCTAGCTACAACGA CAATCCT   20781     1717   AGAGAGCA & CUCUCCAU   3670   ATCCAGAG GGCTAGCTACAACGA CAATCCT   20791     1718   AGAGUU & CUCACAA   3669   TCTTGATG GGCTAGCTACAACGA CAATCCT   20791     1719   UGCAUCAA & CUUUGAGU   3671   GCTTGATG GGCTAGCTACAACGA TACTACAG   20799     1710   UGCAUCAA & CUUUGAGU   3672   AGCCAAMG GGCTAGCTACAACGA TACTACAG   20799     1715   AGACUU & CUCACAG   3671   GCTTGATG GGCTAGCTACAACGA TACTACCAG   20799     1717   UGCAUCAA & CUUUGAGU   3674   AGGACAG GGCTAGCTACAACGA TACAACGA   20799     1717   UGCAUCAA & CUUUGAGU   3674   AGGACAG GGCTAGCTACAACGA CAATCCT   20791     1717   UGCAUCAA & CUUUGAGU   3675   AGACCAG GGCTAGCTACAACGA AGGACT   20791     1718   AGUUUCA & CAACACG   3671   GCTTGA	1617			TCCATCAA GGCTAGGTAGAACGA TCACGATG	
1648	1643				
1648	1646	UUGGAGCA G UGCUGGAA		TTCCAGCA CGCTAGCTACAACGA TCCAAGGG	
1650   GACUGUA G UNCURURU   3659   ACRCARTA GOCTAGCTACAGGA TYCCAGCA   20780   1662   AGAGUACU G USUGAGGA   3661   TYCCTCCA GOCTAGCTACAGGA ACAGTACTC   20781   1669   AGAGUACU G UNANUGA   3662   TYCCTCCA GOCTAGCTACAGA ACAGTACTC   20781   1689   UURAUGGA   3661   TYCCTCCA GOCTAGCTACAGA ACAGTACTC   20781   1689   UURAUGGA   3663   TYCCTCAA GOCTAGCTACAGGA CCAGTACT   20783   1795   AACCACAC G CCACGAGA   3664   CTTCGTGG GOCTAGCTACAGGA TCTCTCT   20781   1795   AACCACAC G CCACGAGA   3664   CTTCGTGG GOCTAGCTACAGGA TCTCTCT   20785   1716   ACGAGAC G UURUGGA   3665   ACAGACTG GOCTAGCTACAGGA TCTCTCT   20787   1716   ACGAGAC G UURUGGA   3666   ATCACAGA GOCTAGCTACAGGA TCTCTCT   20787   1720   AGCAGCA G UURUGGA   3667   ATCACAGA GOCTAGCTACAAGGA TCTCTCT   20787   1724   AGAGGAC G UURUGGA   3667   ATCACAGA GOCTAGCTACAAGGA TCCTCAG   20788   1724   AGAGGAC G UURUGGA   3667   ATCACAGA GOCTAGCTACAAGGA TACAGA   20789   1725   GAGGUUU G CAUCAAG   3669   CTTUTGAG GOCTAGCTACAAGGA TACAGA   20789   1725   GAGGUUU G CAUCAAG   3670   ATCACAGA GOCTAGCTACAAGGA CCATCCT   20791   1725   GAGGUUU G CAUCAGAG   3671   GCTTGAT GGCTAGCTACAAGGA TCCTCCT   20791   1725   GAGGUUU G CUUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCTCCT   20791   1725   GAGGUUU G CUUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCTCT   20791   1725   GAGGUUU G CUUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCTCCT   20791   1725   GAGGUUU G CUUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCTCCT   20791   1725   GAGGUUU G CUUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCAGCC   20792   1725   ACCUMUCCU G UUNGGU   3672   ACCCAMAG GCTAGCTACAAGGA TCCAGCC   20793   1726   ACCUMUCCU G UUNGGU   3673   GACTCCAG GCTAGCTACAAGGA TCCAGCC   20793   1726   ACCUMUCAA G CAACAUG GCTAGCTACAAGGA TCCAGCC   20795   1726   ACCUMUCAA G CAACAUG GCTAGCTACAACGA TCCAACCA   20795   1726   ACCUMUCAA G CAACAUG GCTAGCTACAACGA TCCAACCA   20795   1726   ACCUMUCAA G CAACAUG GCTAGCTACAACGA TCCAACCA   20795   1726   ACCUMUCAA G UURAAGGA GAGGACACA GCTAGCTACAACGA TCCAACCA   20795   1726   ACCUMUCAA G UURAAGGA GAGGACACA GCTAGCTACAACGA TCC	1648				
1662	1655	UGCUGGAA G UACUGUGU			<del></del>
1662   AGUACUGU G UGARGGAA   3661   TTCCTCCA GGCTAGCTACAACGA AGGTACT   20782   1689   UUAAUGGA G UUAAUGGA   3662   TCCATTAA GGCTAGCTACAACGA GTCTCTCT   20783   1705   AACCACA G CUUCAAGGA   3664   CTTCGTGG GGCTAGCTACAACGA GTCTCTCT   20784   1705   AACCACA G CCACCAAG   3664   CTTCGTGG GGCTAGCTACAACGA TCCGTGC   20786   1713   GCCACGAA G CAGUCUGU   3665   ACAGACGA GGCTAGCTACAACGA TCCGTGC   20786   1716   ACGAAGCA G UCUGUGAU   3666   ATCACAGA GGCTAGCTACAACGA TCCGTGC   20787   1720   AACCACACGA G UCUGUGAU   3666   ATCACAGA GGCTAGCTACAACGA TCCGTGC   20787   1720   AACCACACGA G UCUGUGAU   3666   ATCACAGA GGCTAGCTACAACGA TCCGTGC   20787   1720   AACCACACGA G UCUGUGAU   3667   TGCTATCA GGCTAGCTACAACGA TCCACAC   20789   1733   AACCAUUGG G CUUCACAG   3669   CTTGTAGG GGCTAGCTACAACGA ACCACCC   20789   1733   AACCAUUGG G CUUCACAG   3669   CTTGTAGG GGCTAGCTACAACGA ACCACCC   20790   1752   GGAGCUCU G CAUCAAG   3671   GCTGATG GGCTAGCTACAACGA TCCCCTCT   20791   1752   GGAGCUCU G CAUCAAGC   3673   GCTGATG GGCTAGCTACAACGA TCCCCTCT   20791   1753   UUCCAUCAG G CUUUGGCU   3674   AAGCAGAG GACTAGCTACAACGA TCACCCC   20792   1754   AAGGAGGA G CCAUUCCU   3674   AAGGAGTAG GACTAGCTACAACGA TCACCCC   20792   1754   AAGGAGGA G CCAUUCCU   3674   AAGGAGTAG GACTAGCTACAACGA TCACCCC   20793   17791   UUGCUGGA G CCAUUCCU   3674   AAGGAATGG GCTAGCTACAACGA AGGATGC   20795   17991   AUUUUCAA G CAACACU   3676   AAGCATCA GACTAGCACAACGA AGGATGC   20795   17991   AUUUUCAA G CAACACU   3676   CAGTGTAG GACTAGCTACAACGA AGGATGC   20795   17991   AUUUUCAA G CAACACU   3676   CAGTGTAG GGCTAGCTACAACGA AGGATGT   20797   1806   ACUGUCAA G UUGAGGUC   3677   CAACTTG GGCTAGCTACAACGA AGGATGT   20797   1812   AAGUUCAA G UUGAGGUC   3679   TAACCGA GGCTAGCTACAACGA ATCTTCT   20798   1812   AAGUUCAA G UUGAGGUC   3679   TAACCGA GGCTAGCTACAACGA ATCTTCT   20798   1812   AAGUUCAA G UUGAGGUC   3679   TAACCGA GGCTAGCTACAACGA ATCTTCT   20804   1817   CAACUUCAA G UUGAGGUC   3679   TAACCGA GGCTAGCTACAACGA ATCTTCAA G UUGAGGUC   20801   1817   AAGUUCAA G UUGAGGUC   3679   TAACCGA GGCTAG	1660	GAAGUACU G UGUGGAGG			
1689	1662	AGUACUGU G UGGAGGAA			
1669	1680			TCCATTAA GGCTAGCTACAACGA CHCHCHCHCH	<del></del>
1713	1689				
1715   GCCAGAGA & GCGUCGU   3665   ACRGACTG GGCTAGCTACAAGA TTCGTGGC   20786   1720   ACCABAGCA & UCUGUGAU   3665   ATCACACA GGCTAGCTACAAGA TGCTTCGT   20787   1720   ACCAGAGGA & CAUUGGCA   3667   TGCTATCA GGCTAGCTACAAGA TACTACAG   20788   1724   ACCAGAGGA & CAUUGGCA   3668   GCCCAATG GGCTAGCTACAAGA TACTACAG   20789   1724   ACCAGGG & CUCACAAG   3669   CTTGTGAG GGCTAGCTACAAGA TATCACAG   20780   1724   AAGAGGGA & UCUCGCAU   3670   ATGCAGAG GGCTAGCTACAAGA TACTACAG   20790   1724   AAGAGGGA & UCUCGCAU   3670   ATGCAGAG GGCTAGCTACAAGA TACTACAG   20791   1752   GGAGCUCU & CAUCAAGC   3671   GCTTGATG GGCTAGCTACAAGA TACTACAG   20791   1755   UGCAUCAA & CUUUGACU   3672   ACCCAAAG GGCTAGCTACAAGA AGAGCTC   20792   1765   AAGUUUG & CUUGAGCC   3673   GGCTCAG GGCTAGCTACAAGA AGAGCTC   20793   1765   AAGUUUG & UGGAGCC   3673   GGCTCAG GGCTAGCTACAAGA CAAGACTT   20794   1771   UGGCUGGA & CCAUUCCU   3674   AGGAATGG GGCTAGCTACAAGA AGAGCTT   20795   1793   AUUUUCAA & CAACACU   3674   AAGATCCA GGCTAGCTACAAGA AGAGATG   20795   1793   AUUUUCAA & CAACACU   3676   AAGTCCA GGCTAGCTACAAGA AGAATGG   20795   1793   AUUUUCAA & CAACACU   3676   CAGTGTTG GGCTAGCTACAACGA TCCAACCA   20795   1793   AUUUUCAA & CAACACU   3678   GACGTCAG GGCTAGCTACAACGA TCCAACCA   20795   1812   AAGUUGAC & UCAAGGUU   3678   GACGTCAA GGCTAGCTACAACGA TCCAACCA   20795   1812   AAGUUGAC & UCAAGGUU   3678   GACGTCAA GGCTAGCTACAACGA TCCAACCA   20795   1812   AAGUUGAC & UCAAGGUU   3679   TGACCCGA GGCTAGCTACAACGA TCCAACCA   20795   1812   AAGUUGAC & UCAAGGUU   3681   TCAACTGA GGCTAGCTACAACGA TCCAACTA   20801   1827   CAUUUGAA & UCAAGGUU   3681   ACCCTAACA GGCTAGCTACAACGA TCCAACTA   20801   1827   CAUUUGAA & UCAAGGUU   3681   ACCTCTACA GGCTAGCTACAACGA TCCAACTA   20801   1827   CAUUUGAA & UCAAGGUU   3681   ACCTCTACA GGCTAGCTACAACGA TCCAACTA   20801   1824   AAGUUGAG & UGAAGAUG   3681   ACCTCTACA GGCTAGCTACAACGA TCCAACTA   20801   1824   AAGUUGAG & UGAAGAUG   3681   ACCTCTACA GGCTAGCTACAACGA TCCAACTA   20801   1824   AAGUUGAG & UGAAGAUG   3681   ACCTCTACA GGCTAGCTACAACGA TCCAA	1705	AACCACAC G CCACGAAG	3664	CTTCGTGG GGCTAGCTACAACGA CTCTCCTTT	
1715	1713	GCCACGAA G CAGUCUGU		ACAGACTG GGCTAGCTACAACGA TECCETOGG	
1720	1716	ACGAAGCA G UCUGUGAU	3666		
1733   AGCAUUGG G CUCUGAN   3669   CTTGTGAG GGCTAGCTACAACGA TATCACNG   20799     1747   AAGAGGGA G CUCUGAN   3670   ATGCAGAG GGCTAGCTACAACGA CCAATGCT   20791     1752   GGAGCUCU G CAUCAAGC   3671   GCTTGATG GGCTAGCTACAACGA TCCCTCTT   20791     1753   UGCAUCAA G CUUUGGCU   3672   AGCCAAAG GGCTAGCTACAACGA AGAGCTC   20792     1755   UGCAUCAA G CUUUGGCU   3672   AGCCAAAG GGCTAGCTACAACGA AGAGCTC   20793     1765   AAGCUUUG G CUGGAGCC   3673   GGCTCCAG GGCTAGCTACAACGA AGAGCTT   20795     1771   UGGCUCAA G CUUUCCU   3674   AGGAATG GGCTAGCTACAACGA TGATGCA   20795     1778   CCAUUCCU G UGGAAUUU   3675   AAATTCCA GGCTAGCTACAACGA TCCAGCCA   20795     1793   AUUUUCAA G CAACACUG   3676   CAGTGTTG GGCTAGCTACAACGA TGAAGCTT   20796     1801   GCAACACU G UCAAGUUG   3676   CAGTGTTG GGCTAGCTACAACGA AGGAATGG   20796     1801   GCAACACU G UCAAGUUG   3677   CAACTTGA GGCTAGCTACAACGA AGGAATGG   20797     1801   GCAACACU G UCAAGUUG   3678   GACGTCAA GGCTAGCTACAACGA AGGATTGC   20799     1812   AAGUUGAC G UCGGGUCA   3679   TGACCCGA GGCTAGCTACAACGA AGTGTTGC   20799     1813   GACGUCGG UCAAUUGA   3680   TCAAATGA GGCTAGCTACAACGA GTCAACTT   20800     1827   CAUUUGAA G UUGAAGU   3681   ACTCTACA GGCTAGCTACAACGA GTCAACTT   208001     1829   UUUGAAGU G UAGAGUGA   3682   TCACTCTA GGCTAGCTACAACGA CTCAACTA   20801     1829   UUUGAAGU G UAGAGUGA   3682   TCACTCTA GGCTAGCTACAACGA CTCACACT   20801     1821   GAAAAAUU G CAGUUGAA   3682   TCACTCTA GGCTAGCTACAACGA CTCAACTA   20802     1824   AAUUGCA G UUGAAGG   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAA   20803     1834   AAUUGCA G UUGAAGG   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAA   20803     1851   GAAAAAUU G CAGUUGAA   3684   TCACTCTA GGCTAGCTACAACGA ACTTCAAA   20803     1854   AAAUUGCA G UUGAAAGG   3685   CCCTTCAA GGCTAGCTACAACGA CTTCAACT   20804     1876   CCUAGAGG   GCGCTAGCTACAACGA CTTCAACGA   20809     1888   GUUCAAAG G UUCUCAA   3687   TCACACTG GGCTAGCTACAACGA CTTCAACGA   20809     1898   GUUCAAAG G UUCUCAAG   3689   CTCTTTAA GGCTAGCTACAACGA CTTCAACGA   20809     1898   GUUCAAAG G UUCUCAAG   368	1720	AGCAGUCU G UGAUAGCA	3667	TGCTATCA GGCTAGCTACAACGA AGACTCCT	
1793   AGCADUGG G CUCACAGA   3669   CTTGTGAG GGCTAGCTACAACGA CCARTGCT   20790     1752   GGAGCUCU G CAUCAAGC   3671   GCTTGATG GGCTAGCTACAACGA TCCCTCTT   20791     1755   UGCAUCAA G CUUUGGCU   3672   AGCCAAGG GGCTAGCTACAACGA TCCACCCA   20792     1765   AAGCUUUG G CUUGAGCC   3673   GGCTCAGCTACAACGA TCCACCA   20793     1771   UGGCUGGA G CCUUUGCU   3674   AGGAATGG GGCTAGCTACAACGA TCCACCCA   20795     1771   UGGCUGGA G CCAUUCCU   3674   AGGAATGG GGCTAGCTACAACGA CAAAGCTT   20794     1780   CCAUUCCU G UGGAAUUU   3675   AAATTCCA GGCTAGCTACAACGA AGGAATGG   20795     1793   AUUUUCAA G CAACACUG   3676   CAGTGTTG GGCTAGCTACAACGA AGGAATGG   20797     1801   GCAACACU G UCAAGUUG   3677   CAACTTGA GGCTAGCTACAACGA AGGAATGG   20797     1806   ACUGUCAG G UUGAGGUC   3678   GACGTCAA GGCTAGCTACAACGA ATGAACTA   20797     1811   AAGUUGAC G UCAGGUC   3678   GACGTCAA GGCTAGCTACAACGA TTGACAGT   20799     1817   GACGUCGG G UCAUUUGA   3680   TCAAATGA GGCTAGCTACAACGA TTGACAGT   20799     1817   GACGUCGG G UCAUUUGA   3680   TCAAATGA GGCTAGCTACAACGA TTGACAGT   20800     1827   CAUUUGAA G UGUAGAGU   3681   ACTCTACA GGCTAGCTACAACGA TTCAAATG   20801     1828   UUUGAAGU G UGAGAGUA   3682   TCACTTCA GGCTAGCTACAACGA TTCAAATG   20802     1829   UUUGAAGU G UGAGAGUA   3682   TCACTTCA GGCTAGCTACAACGA TTCAAATG   20802     1834   AGUGUAGA G UGAAGAUG   3683   CATCTTCA GGCTAGCTACAACGA TTCAAATG   20802     1851   GAAAAUU G CAGUUGAA   3684   TCACTCTA GGCTAGCTACAACGA TTCAAATG   20802     1854   AAACUUGA G UUGAAGGG   3685   CATCTCAA GGCTAGCTACAACGA ATTTTTC   20805     1876   CCUAUGAG G UUGAAGGG   3685   CATCTCAA GGCTAGCTACAACGA ATTTTTT   20805     1876   CCUAUGAG G UUGAAGGG   3685   CATCTCAA GGCTAGCTACAACGA ATTTTTT   20805     1876   CCUAUGAG G CUUUCAAG   3686   CATCTCAA GGCTAGCTACAACGA ATTTTTT   20805     1876   CCUAUGAG G CUUUCAAG   3689   CATCTCAA GGCTAGCTACAACGA CTTGAATT   20805     1888   GUUCAAAG G UUUCAAG   3689   CATCTCAA GGCTAGCTACAACGA CTTGAACG   20811     1912   GGACUCC G CAGACACA   3691   TGTGTCTGA GGCTAGCTACAACGA CTTGAACG   20811     1922   AGC	1726	CUGUGAUA G CAUUGGGC	3668	GCCCAATG GGCTAGCTACAACGA TATGACAG	
1747	1733	AGCAUUGG G CUCACAAG	3669		
1752   GGACCICU G CAUCARC   3671   GCTTGATG GGCTAGCTACAACGA AGAGCTCC   20792   1755   UGCAUCAA G CUUUGGCU   3672   AGCCAAAG GGCTAGCTACAACGA TIGATGCA   20793   1771   UGCAUCAG G CCAUUCCU   3674   AGGATGG GGCTAGCTACAACGA TCCAGCCA   20795   1771   UGCAUCAG G CCAUUCCU   3674   AGGATGG GGCTAGCTACAACGA CAAAGCTT   20794   1780   CCAUUCCU   UGGABUUU   3675   AAATTCCA GGCTACCAACGA AGGAATGG   20795   1793   AUUUUCAA G CAACCUG   3676   CAGTGTTG GGCTAGCTACAACGA AGGAATGG   20796   1801   GCAACACU G UCAAGUUG   3677   CAACTTGA GGCTAGCTACAACGA AGGAATG   20797   1801   GCAACACU G UCAAGUUG   3678   GACGTCAA GGCTAGCTACAACGA AGGATTGC   20798   1812   AAGUUGAC G UCGAGGUC   3678   GACGTCAA GGCTAGCTACAACGA AGTGTTGC   20798   1812   AAGUUGAC G UCGAGGUC   3679   TRACCCGA GGCTAGCTACAACGA TTGACACT   20801   1827   CAUUUGAA G UGUAGAGU   3680   TCAAATGA GGCTAGCTACAACGA GTCAACTT   20800   1827   CAUUUGAA G UGUAGAGU   3681   ACTCTACA GGCTAGCTACAACGA CCAACTTC   20801   1829   UUUGAAGGU   UAGAAGUA   3682   TCACTCTA GGCTAGCTACAACGA TTCAAATG   20802   1834   AGUGUAGA G UGAAGGU   3681   ACTCTTCA GGCTAGCTACAACGA ACTTCAAA   20803   1834   AGUGUAGA G UGAAGGU   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAC   20804   1851   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ATTTCAAC   20805   1874   AACCUAUG G UUGAAGGG   3685   CCCTTCAA GGCTAGCTACAACGA ATTTTTC   20805   1874   AACCUAUG G UUGAAGGG   3685   CCCTTCAA GGCTAGCTACAACGA ATTTTTC   20807   1876   CCUAUGGC G UUCGUACA   3687   TGAACAGA GGCTAGCTACAACGA ATTTTTTC   20807   1876   CCUAUGGC G UUCGUAAGG   3688   CCCTTCAA GGCTAGCTACAACGA ATTTTTTC   20807   1876   CCUAUGGC G UUCGUAAG   3687   TGAACAGA GGCTAGCTACAACGA CTTAGATT   20807   1876   CCUAUGGC G UUCGUAAG   3688   CCTTCAA GGCTAGCTACAACGA CTTAGATT   20807   1876   CCUAUGGC G UUCCAAGG   3688   CCTTCAA GGCTAGCTACAACGA CTTTGAAC   20809   1888   GUUCAAG G UUCCAAGG   3689   CTTCAAAGA GGCTAGCTACAACGA CTTTGAAC   20809   1890   CCCAAGAGA GGCTAGCTACAACGA CTTTGAAC   20809   1890   CCCAAGGG GGCTAGCTACAACGA CTTTGAAC   20809   1890   CCCAAGGG GGCTAGCTACAACGA C	1747	AAGAGGGA G CUCUGCAU	3670	ATGCAGAG GGCTAGCTACAACGA TCCCTCTTT	
1765   GECALCAA G CUUUGGCU   3672   AGCCAAAG GGCTAGCTACAACGA TTGATGCA   20793   1761   AAGCUUAUG G CUGGAGCC   3673   GGCTCCCA GGCTACACGA CAAAGCTT   20794   1780   CCAUUCCU G UGGABUUU   3675   AAATTCCA GGCTAGCTACAACGA AGGAATGG   20795   1890   CCAUUCCU G UGGABUUU   3675   AAATTCCA GGCTAGCTACAACGA AGGAATGG   20796   1891   AUUUUCAA G CAACACUG   3676   CAGTGTTG GGCTAGCTACAACGA ATGAAAT   20797   1801   GCAACACU G UCAAGUUG   3676   CAGTGTTG GGCTAGCTACAACGA ATGATTGC   20798   1804   ACUGUCAA G UUGACGUC   3678   GACGTCAA GGCTAGCTACAACGA ATGATTGC   20799   1812   AAGUUGAC G UUGACGUC   3678   GACGTCAA GGCTAGCTACAACGA ATGATTGC   20799   1817   GACGUCGG G UCAUUUGA   3680   TCAACTCA GGCTAGCTACAACGA GTCAACTT   20800   1827   CAUUUGAA G UUUAAAGG   3680   TCAACTCA GGCTAGCTACAACGA GTCAACTT   20800   1829   UUUGAAGG G UCAUUUGA   3680   TCACCTCA GGCTAGCTACAACGA CCCACCTC   20801   1829   UUUGAAGG G UCAAGUUGA   3681   ACTCTACA GGCTAGCTACAACGA CCCACCTC   20801   1834   AGGUUAGA G UUAAAGGA   3682   TCACCTCA GGCTAGCTACAACGA ACTTCAAA   20803   1834   AGGUUAGA G UUAAAGGA   3683   CACTGTTCA GGCTAGCTACAACGA ACTTCAAA   20803   1835   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ACTTCAAC   20804   1851   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ACTTCTCA   20805   1874   AAAUUGCA G UUGAAGGG   3685   CCCTTCAA GGCTAGCTACAACGA ACTTTTC   20805   1874   AAACUUAGG G GCUUUCAA   3686   AACAGACG GGCTAGCTACAACGA CATAGGTT   20806   1874   AACCUUAG G GCUUUCAA   3687   TGAACAGA GGCTAGCTACAACGA CATAGGTT   20807   1876   CCUUUCAG G GCUUUCAA   3688   CCTTGAA GGCTAGCTACAACGA CATAGGT   20808   1888   GUUCAAAG G GUUCAAGG GCCATAGG	1752	GGAGCUCU G CAUCAAGC	3671		
1771   UGGUUGGA G CCAUUCCU   3674   AGGANTGG GGCTAGCTACAACGA CAAAGCTT   20794     1780   CCAUUCCU G UGGAAUUU   3675   AAATTCCA GGCTAGCTACAACGA ACGAACACC   20795     1793   AUUUUCAA G CAACACUG   3676   CAGTGTTG GGCTAGCTACAACGA ACGAACACC   20797     1801   GCAACACU G UCAAGUUG   3676   CAGTGTTG GGCTAGCTACAACGA ACGAACACC   20798     1806   ACUGUCAA G UUCAGGUC   3678   GACGTCAA GGCTAGCTACAACGA ATGAAAT   20797     1812   AAGUUGAC G UCAGGUCA   3678   GACGTCAA GGCTAGCTACAACGA ATGACGT   20798     1817   GACGUCGG G UCAUUUGA   3679   TGACCCGA GGCTAGCTACAACGA TTGACAGT   20799     1817   GACGUCGG G UCAUUUGA   3680   TCAAATGA GGCTAGCTACAACGA GTCAACTT   20800     1827   CAUUUGAA G UUGAGGUC   3681   ACTCTACA GGCTAGCTACAACGA TCAACTT   20801     1829   UUUGAAGU G UAGAGUGA   3682   TCACTCTACA GGCTAGCTACAACGA TCTAAATG   20802     1834   AGGUUGAC G UAGAGUGA   3683   CATCTTCA GGCTAGCTACAACGA TCTAACAT   20803     1834   AGGUUGAC G UUGAAGAGU   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAC   20803     1834   AGGUUGAC G UUGAAGGG   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAC   20803     1835   GAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ACTTCAAC   20804     1851   GAAAAAUU G CAGUUGAA   3685   CCCTTCAA GGCTAGCTACAACGA ACTTCAAC   20805     1876   CCUAUGGC G UUGAAGG   3685   CCCTTCAA GGCTAGCTACAACGA CATACGT   20806     1876   CCUAUGGC G UUGAAGG   3685   CCCTTCAA GGCTAGCTACAACGA CATACGT   20807     1880   UGCAGUU G UUCAAAGG   3688   CCTTTGAA GGCTAGCTACAACGA CATACGT   20807     1896   GCUUCAAG G UUUCAAG   3689   CTTGAAGG GGCTAGCTACAACGA CATACGT   20808     1898   GUUCAAAG G UUUCAAG   3689   CTTGAAGG GGCTAGCTACAACGA CATACGC   20809     1896   GCUUCAAG G UUCCAAG   3691   CTTGAAGG GGCTAGCTACAACGA CATTGAC   20801     1912   GGACUCC G CAGACAC   3691   CTTGAAGG GGCTAGCTACAACGA CATTGAC   20801     1922   AGACACG G UCAGGCA   3692   CTTGAAGG GGCTAGCTACAACGA CATTGAC   20801     1922   AGACACGG G UCAGGGCA   3693   CCACGGG GGCTAGCTACAACGA CATGGCCT   20814     1922   AGACACGG G UCAGGGCA   3691   CTTGAAGG GGCTAGCTACAACGA CATGGCCT   20814     1923   ACGU	1759	UGCAUCAA G CUUUGGCU	3672	AGCCAAAG GGCTAGCTACAACGA TTGATGGA	
1771   UGGCUGGA G CADUCCU   3674   AGGAATGG GGCTAGCTACAACGA TCCAGCCA   20795     1793   AUUUUCAA G CAACACUG   3675   AAATTCCA GGCTAGCTACAACGA AGGAATGG   20796     1801   GCAACACU G UGAAGUUG   3677   CAACTTGA GGCTAGCTACAACGA AGGAATG   20797     1806   ACUGUCAA G UUGACGUC   3678   GACGTCAA GGCTAGCTACAACGA ATGACAT   20799     1812   AAGUUGAC G UCGAGUCA   3679   TGACCCGA GGCTAGCTACAACGA ATGACAT   20800     1817   GACGUCGG G UCAUUUGA   3660   TCAAATGA GGCTAGCTACAACGA ATGACAT   20800     1827   CAUUUGAA G UGUAGGUC   3681   ACTCTACA GGCTAGCTACAACGA CTCAACTT   20801     1829   UUUGAAGU G UAGAGUGA   3681   ACTCTACA GGCTAGCTACAACGA ACTCAACT   20802     1829   UUUGAAGU G UAGAGUGA   3681   ACTCTACA GGCTAGCTACAACGA ACTTCAAA   20803     1834   AGUGUAGA G UGAAGUGA   3682   TCACTCTA GGCTAGCTACAACGA ACTTCAAA   20803     1851   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ACTTCACA   20804     1851   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA ACTTCACT   20806     1874   AACCUAUG G CGUCUGUU   3686   AACAGACG GGCTAGCTACAACGA ACTTTTT   20805     1874   AACCUAUG G CGUCUGUU   3686   AACAGACG GGCTAGCTACAACGA ACTTTT   20805     1876   CCUAUGG G UCUGAAGG   3688   CCCTTCAA GGCTAGCTACAACGA CATAGGT   20807     1880   UGGCGUC G UCUGUCA   3687   TGAACAGA GGCTAGCTACAACGA CATAGGT   20807     1880   UGGCGUC G UUCAAAGG   3688   CCTTTGAA GGCTAGCTACAACGA CATAGGT   20807     1880   UGGCGUC G UUCAAAG   3689   CTGAAAG GGCTAGCTACAACGA CCTATAGG   20808     1880   UGGCAUCC G CAGACCA   3691   TGAACAGA GGCTAGCTACAACGA CTTTGAAC   20810     1912   GGACUCC G CAGACCA   3691   TGTTCTG GGCTAGCTACAACGA CTTTGAAC   20811     1912   GGACUCC G CAGACCA   3691   TGTTCTG GGCTAGCTACAACGA CTTTGAAC   20811     1912   GGACUCC G CAGACCA   3691   TGTTCTG GGCTAGCTACAACGA CTTTGAC   20811     1928   AGGCACAG G UCACGGCA   3692   TGCCGTG GGCTAGCTACAACGA CTTTGAC   20811     1928   AGGUCACG G CACGGCA   3693   CCACAGTG GGCTAGCTACAACGA CTTGTCT   20813     1938   ACGUCACG G CACGGCA   3693   CCACAGTG GGCTAGCTACAACGA CTTGTCT   20814     1936   GCACUGG G UUCGAAC   36			3673	GGCTCCAG GGCTAGCTACAACGA CAAACCTT	
1793	<b></b>		3674		<del></del>
1801   GCAACACU G UCARGUUG   3677   CAACTTGA GGCTAGCTACAACGA AGTGTTGC   20798     1806   ACUGUCAA G UUGACGUC   3678   GACGTCAA GGCTAGCTACAACGA AGTGTTGC   20799     1812   AAGUUGAC G UCGGGUCA   3679   TGACCCGA GGCTAGCTACAACGA TTGACAGT   20800     1817   GACGUCGG G UCAUUUGA   3680   TCAAATGA GGCTAGCTACAACGA CCGACGTC   20801     1827   CAUUUGAA G UUGAGAGU   3681   ACTCTACA GGCTAGCTACAACGA CCGACGTC   20801     1829   UUUGAAGU G UGAGAGU   3682   TCACACTTA GGCTAGCTACAACGA CCTACAATG   20802     1834   AGUGUAGA G UGAGAGU   3683   CATCTTCA GGCTAGCTACAACGA ACTTCAAA   20803     1851   GAAAAAUU G CAGUUGAA   3684   TTCACACTA GGCTAGCTACAACGA ACTTCACAC   20804     1851   GAAAAAUU G CAGUUGAA   3684   TTCACACTA GGCTAGCTACAACGA ACTTCACAC   20805     1874   AACUUGAG G UUGAAGG   3685   CCCTTCAA GGCTAGCTACAACGA ACTTTTC   20805     1874   AACUUGG G UUGAAGG   3685   CCCTTCAA GGCTAGCTACAACGA CATAGGTT   20806     1876   CCUAUGGC G UUGAAGG   3687   TGAACAGA GGCTAGCTACAACGA CATAGGTT   20807     1880   UGGCGUCU G UUCAAAGG   3688   CCTTTGAA GGCTAGCTACAACGA CATAGGTT   20808     1880   UGGCGUCU G UUCAAAG   3689   CTTGAAAG GGCTATCAACGA AGACGCCA   20809     1886   GUUCAAG G UUUCUAG   3689   CTTGAAG GGCTACAACGA CTTAGAAC   20810     1891   GGACUCCC G CAGACACA   3691   TGTGTCTG GGCTACAACGA CTTGAAC   20811     1912   GGACUCCC G CAGACACA   3691   TGTGTCTG GGCTAGCTACAACGA CTTGAAC   20811     1922   AGACACAG G UCACGGCA   3692   TGCCGTGA GGCTACAACGA CTTGAAC   20812     1933   ACGCCAC G UGGUUG   3694   CAACACCA GGCTAGCTACAACGA CTGACCT   20813     1934   ACGUUGG G UUGGAA   3695   TGCAGTAC AGGA AGGCCCA   20815     1938   ACUUGAG G UUGGAA   3695   TGCAGTA GGCTACAACGA AGTGCCC   20814     1939   ACGCUGG G CACUUGG   3694   CAACACCA GGCTAGCTACAACGA AGTGCCC   20815     1938   ACUUGAG G UACACCA   3695   TGCAGTA GGCTACAACGA AGTGCCC   20815     1938   ACUUGAA G UUCCAAC   3695   CACAGTG GCTAGCTACAACGA AGTGCCC   20816     1938   ACUUGAA G UACACUG   3696   CATAGCACA GGCTACCACACA AGTGCCC   20817     1939   GCCUUGAA G UACACUG   3698   CATGCTACAACGA AGTGCCACACACA AGT	<b></b>		3675	AAATTCCA GGCTAGCTACAACGA AGGAATCC	
1801   GCAACACU G UCAAGUUG			3676	CAGTGTTG GGCTAGCTACAACGA TTGAAAAT	
1812   AAGUUGAC G UCGGGUCA   3679   TGACCGA GGCTAGCTACAACGA TTGACAGT   20800			3677	CAACTTGA GGCTAGCTACAACGA AGTGTTGC	
1817   AAGUUGAG G UCAUUUGA   3680   TCAAATGA GGCTAGCTACAACGA GTCAACTT   20800		<del></del>	3678	GACGTCAA GGCTAGCTACAACGA TTGACAGT	+
1827			3679	TGACCCGA GGCTAGCTACAACGA GTCAACTT	
1829			3680	TCAAATGA GGCTAGCTACAACGA CCGACGTC	<del></del>
1834   AGUGUAGA G UGAAGUGA   3682   TCACTCTA GGCTAGCTACAACGA ACTTCAAA   20803     1834   AGUGUAGA G UGAAGAUG   3683   CATCTTCA GGCTAGCTACAACGA TCTACACT   20804     1851   GAAAAAUU G CAGUUGAA   3684   TTCAACTG GGCTAGCTACAACGA TCTACACT   20805     1854   AAAUUGCA G UUGAAGGG   3685   CCCTTCAA GGCTAGCTACAACGA AATTTTC   20806     1874   AACCUAUG G CGUCUGUU   3686   AACAGACG GGCTAGCTACAACGA TGCAATTT   20806     1876   CCUAUGGC G UCUGUUCA   3687   TGAACAGA GGCTAGCTACAACGA CATAGGTT   20807     1880   UGGCGUCU G UUCAAAGG   3688   CCTTTGAA GGCTAGCTACAACGA GCCATAGG   20808     1898   GUUCAAAG G CUUUCAAG   3689   CTTGAAAG GGCTAGCTACAACGA CTTTGAAC   20810     1896   GCUUUCAA G UUUCUUGG   3690   CCAAGAAA GGCTAGCTACAACGA TTGAAAGC   20810     1912   GGACUCCC G CAGACACA   3691   TGTGCTG GGCTAGCTACAACGA TTGAAAGC   20811     1922   AGACACAG G UCACGGCA   3692   TGCCGTGA GGCTAGCTACAACGA CTTTCTC   20813     1928   AGGUCACG G CACUGUGG   3693   CCACAGTG GGCTAGCTACAACGA CTGTGCT   20813     1933   ACGGCACU G UGGUGUGG   3693   CCACAGTG GGCTAGCTACAACGA CTGTGCTC   20814     1933   ACGGCACU G UGGUGUGG   3694   CAACACCA GGCTAGCTACAACGA CGTGACCT   20814     1934   ACUGUGU G UUGGAAUU   3696   AATTCCAA GGCTAGCTACAACGA CACAGTG   20816     1938   ACUGUGU G UUGGAAUU   3696   AATTCCAA GGCTAGCTACAACGA ACCACGT   20817     1947   UUGGAAUU G CAGUACAC   3697   GTGTACTA GGCTAGCTACAACGA ACCACGT   20817     1950   GAAUUGCA G UACACUGG   3698   CCAGTGTG GGCTAGCTACAACGA ACCACGT   20817     1951   GUACACUG G CACGGAUG   3699   CATCCGTG GGCTAGCTACAACGA ACCACGT   20819     1958   GUACACUG G CACGGAUG   3699   CATCCGTG GGCTAGCTACAACGA ACCACGT   20819     1959   GUACACUG G CACGGAUG   3699   CATCCGTG GGCTAGCTACAACGA ACCACGT   20819     1959   GUACACUG G CACGGAUG   3699   CATCCGTG GGCTAGCTACAACGA ACGACGA   20820     1978   CUUCCAAA G UUCCUAUC   3700   GAACTTTG GGCTAGCTACAACGA ACGACGA   20821     1959   CUUCCAAA G UUCCUAUC   3701   GATAGGAA GGCTAGCTACAACGA CAGTGTAC   20822     1959   CCUAUCUC G UCAGUGC   3702   GCCACTGA GGCTAGCTACAACGA CAGTGTAC   20822     1959   CCU			3681	ACTOTACA GGCTAGCTACAACGA TTCAAATG	<del></del>
1851			3682	TCACTCTA GGCTAGCTACAACGA ACTTCAAA	
1851			3683	CATCTTCA GGCTAGCTACAACGA TCTACACT	<del></del>
1874			3684	TTCAACTG GGCTAGCTACAACGA AATTTTTC	
1876   CCUAUGGC G UCUGUUCA   3686   AACAGACG GGCTAGCTACAACGA CATAGGTT   20807     1880		AAAUUGCA G UUGAAGGG	3685	CCCTTCAA GGCTAGCTACAACGA TGCAATTT	
1880         UGGCGUCU G UUCAAAGG         3687         TGAACAGA GGCTAGCTACAACGA GCCATAGG         20808           1880         UGGCGUCU G UUCAAAGG         3688         CCTTTGAA GGCTACCTACAACGA AGACGCA         20809           1888         GUUCAAAG G CUUUCAAG         3689         CTTGAAAG GGCTAGCTACAACGA CTTTGAAC         20810           1896         GCUUUCAA G UUUCUUGG         3690         CCAAGAAA GGCTAGCTACAACGA TTGAAAGC         20811           1912         GGACUCCC G CAGACACA         3691         TGTGTCTG GGCTAGCTACAACGA GGGAGTCC         20812           1922         AGACACAG G UCACGGCA         3692         TGCCGTGA GGCTAGCTACAACGA CTGTGTCT         20813           1928         AGGUCACG G CACUGUGG         3693         CCACAGTG GGCTAGCTACAACGA CTGTGCT         20814           1933         ACGGCACU G UGGUGUA         3694         CAACACCA GGCTAGCTACAACGA AGTGCCT         20814           1936         GCACUGUG G UGUGGAA         3695         TTCCAACA GGCTAGCTACAACGA ACTGCCT         20815           1938         ACUGUGGU G UUGGAAUU         3696         AATTCCAA GGCTAGCTACAACGA ACTGCATCAACGT         20817           1947         UUGGAAUU G CAGUACAC         3697         GTGTACTG GGCTAGCTACAACGA ACTTCCAA         20819           1950         GAAUUGCA G UACACUGG         3698         CCAGTGTA GGCTACAACGA ATTCCAA<			3686	AACAGACG GGCTAGCTACAACGA CATAGGTT	
1888 GUUCAAAG CUUUCAAG 3689 CTTGAAAG GGCTAGCTACAACGA AGACGCCA 20809 1896 GCUUUCAA GUUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20810 1912 GGACUCCC G CAGACACA 3691 TGTGTCT GGCTAGCTACAACGA TTGAAAGC 20811 1922 AGACACAG GUCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGTCT 20813 1933 ACGGCACU GUGGUGUGG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20814 1936 GCACUGUG GUGUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1938 ACUGUGGU GUUGGAAA 3695 TTCCAACA GGCTAGCTACAACGA ACCACGT 20816 1938 ACUGUGGU GUUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTA GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA GUACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG GACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA CAGTGTC 20820 1978 CUUGCAAA GUUCCUAUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20821 1989 CCUAUCUC GUCAGUGGC 3702 GACACTGA GGCTAGCTACAACGA AAGGTCCA 20821 1993 UCUCGUCA GUGGCUUCA 3701 GATAGGAA GGCTAGCTACAACGA CAGTTAGC 20822 1993 UCUCGUCA GUGGCUUCA 3701 GATAGGAA GGCTAGCTACAACGA CAGTTAGC 20823 1996 CGUCAGUG G CUUCAUUG 3701 GATAGGAA GGCTAGCTACAACGA CAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3701 GATAGGAA GGCTAGCTACAACGA TTTGCAAG 20823 1996 CGUCAGUG G CUUCAUUG 3701 GATAGGAA GGCTAGCTACAACGA CAGATAGG 20823 1997 UCUCGUCA GUGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA CACTGACG 20824 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825			3687	TGAACAGA GGCTAGCTACAACGA GCCATAGG	
1896 GCUUUCAA G UUUCUUGG 3690 CCAAGAAA GGCTAGCTACAACGA CTTTGAAC 20810 1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA TTGAAAGC 20811 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCCT 20814 1933 ACGGCACU G UGGUGUGG 3694 CCACAGTG GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20815 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGTG 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA ACCACAGT 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GAACGAA GGCTAGCTACAACGA TTTGCAAG 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824			3688	CCTTTGAA GGCTAGCTACAACGA AGACGCCA	
1912 GGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA TTGAAAGC 20812 1922 AGACACAG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGCT 20814 1933 ACGGCACU G UGGUGUUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA AGTGCCGT 20816 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGTG 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CACGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GAACGTTACAACGA TTTGCAAG 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824			3689	CTTGAAAG GGCTAGCTACAACGA CTTTGAAC	
1922 AGACUCCC G CAGACACA 3691 TGTGTCTG GGCTAGCTACAACGA GGGAGTCC 20812 1928 AGGUCACG G UCACGGCA 3692 TGCCGTGA GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CGTGACCT 20814 1933 ACGGCACU G UGGUGUUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA ACGACGTGC 20816 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GAACGTTACAACGA CAGTGTAC 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 GACTAGAACGA CACTGACG 20825			3690	CCAAGAAA GGCTAGCTACAACGA TTGAAAGC	<del></del>
1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CTGTGTCT 20813 1928 AGGUCACG G CACUGUGG 3693 CCACAGTG GGCTAGCTACAACGA CGTGACCT 20814 1933 ACGGCACU G UGGUGUUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815 1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA ACCACAGTGC 20816 1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTTGCAAG 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCACTGAA GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3706 CCAATGAAG GGCTAGCTACAACGA TGACGAGA 20824			3691	TGTGTCTG GGCTAGCTACAACGA GGGAGTCC	
AGGUACI G CACUGUG 3693 CCACAGTG GGCTAGCTACAACGA CGTGACCT 20814  1933 ACGGCACU G UGGUGUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815  1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA CACAGTGC 20816  1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817  1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20818  1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818  1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820  1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820  1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTTGCAAG 20821  1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822  1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823  1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824  2016 GACCUAAC G CCAGUGGG 3705 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824			3692	TGCCGTGA GGCTAGCTACAACGA CTGTGTCT	
ACGCACU G UGGUGUG 3694 CAACACCA GGCTAGCTACAACGA AGTGCCGT 20815  1936 GCACUGUG G UGUUGGAA 3695 TTCCAACA GGCTAGCTACAACGA CACAGTGC 20816  1938 ACUGUGGU G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA ACCACAGT 20817  1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20818  1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA TGCAATTC 20819  1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820  1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820  1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTGCAAG 20821  1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822  1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823  1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824  2016 GACCUAAC G CCAGUGGG 3705 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825			3693	CCACAGTG GGCTAGCTACAACGA CGTGACCT	+
1938 ACUGUGG G UUGGAAUU 3696 AATTCCAA GGCTAGCTACAACGA CACAGTGC 20816 1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825			3694	CAACACCA GGCTAGCTACAACGA AGTGCCGT	<del></del>
1947 UUGGAAUU G CAGUACAC 3697 GTGTACTG GGCTAGCTACAACGA ACCACAGT 20817 1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825				TTCCAACA GGCTAGCTACAACGA CACAGTGC	
1950 GAAUUGCA G UACACUGG 3698 CCAGTGTA GGCTAGCTACAACGA AATTCCAA 20818 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA TGCAATTC 20819 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705				AATTCCAA GGCTAGCTACAACGA ACCACAGT	<del></del>
1958 GUACACUG G CACGGAUG 3698 CCAGTGTA GGCTAGCTACAACGA TGCAATTC 20819 1958 GUACACUG G CACGGAUG 3699 CATCCGTG GGCTAGCTACAACGA CAGTGTAC 20820 1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20821 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA TTTGCAAG 20822 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705				GTGTACTG GGCTAGCTACAACGA AATTCCAA	
1973 UGGACCUU G CAAAGUUC 3700 GAACTTTG GGCTAGCTACAACGA CAGTGTAC 20820 1978 CUUGCAAA G UUCCUAUC 3701 GATAGGAA GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825				CCAGTGTA GGCTAGCTACAACGA TGCAATTC	+
1978 CUUGCAAA G UUCCUAUC 3700 GAACTTTG GGCTAGCTACAACGA AAGGTCCA 20821 1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA TGACGAGA 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCAATGAAG GGCTAGCTACAACGA CACTGACG 20825		GUACACUG G CACGGAUG		CATCCGTG GGCTAGCTACAACGA CAGTGTAC	<del></del>
1989 CCUAUCUC G UCAGUGGC 3702 GCCACTGA GGCTAGCTACAACGA TTTGCAAG 20822 1993 UCUCGUCA G UGGCUUCA 3703 TGAAGCCA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCATGACG CACTGACG 20825				GAACTTTG GGCTAGCTACAACGA AAGGTCCA	<del></del>
1993 UCUCGUCA G UGGCUUCA 3703 GCCACTGA GGCTAGCTACAACGA GAGATAGG 20823 1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGGG 3705 CCCACTGACG CACTGACG 20825		CCIDICIA G UUCCUAUC		GATAGGAA GGCTAGCTACAACGA TTTGCAAG	
1996 CGUCAGUG G CUUCAUUG 3704 CAATGAAG GGCTAGCTACAACGA TGACGAGA 20824 2016 GACCUAAC G CCAGUGG 3705 CCAATGAAG GGCTAGCTACAACGA CACTGACG 20825				GCCACTGA GGCTAGCTACAACGA GAGATAGG	
2016 GACCUAAC G CCAGUGG 3704 CAATGAAG GGCTAGCTACAACGA CACTGACG 20825				TGAAGCCA GGCTAGCTACAACGA TGACGAGA	
The care of the contract of th		GACCITAR C. COLOR		CAATGAAG GGCTAGCTACAACGA CACTGACG	
	-010	GACCUAAC G CCAGUGGG	3705	CCCACTGG GGCTAGCTACAACGA GTTAGGTC	

			Table VI	•
2020	UAACGCCA G UGGGCAGA	3706	TCTGCCCA GGCTAGCTACAACGA TGGCGTTA	12000=
2024	GCCAGUGG G CAGAUUGG	3707		20827
2032	GCAGAUUG G UCACUGUC	3708		20828
2038	UGGUCACU G UCAACCCU	3709	AGGGTTGA GGCTAGCTACAACGA AGTGACCA	20829
2050	ACCCUUUU G UUUCAGUG	3710		20830
2056	UUGUUUCA G UGGCCACG	3711	CGTGGCCA GGCTAGCTACAACGA TGAAACAA	20831
2059	UUUCAGUG G CCACGGCC	3712	GGCCGTGG GGCTAGCTACAACGA CACTGAAA	20832
2065	UGGCCACG G CCAACGCU	3713	AGCGTTGG GGCTAGCTACAACGA CGTGGCCA	20833
2071	CGGCCAAC G CUAAGGUC	3714	GACCTTAG GGCTAGCTACAACGA GTTGGCCG	20834
2077	ACGCUAAG G UCCUGAUU	3715	AATCAGGA GGCTAGCTACAACGA CTTAGCGT	20835
2119	CAUACAUA G UGGUGGGC	3716	GCCCACCA GGCTAGCTACAACGA TATGTATG	20836
2122	ACAUAGUG G UGGGCAGA	3717	TCTGCCCA GGCTAGCTACAACGA CACTATGT	20837
2126	AGUGGUGG G CAGAGGAG	3718	CTCCTCTG GGCTAGCTACAACGA CCACCACT	20838
2157	CACCAUUG G CACAAGUC	3719	GACTTGTG GGCTAGCTACAACGA CAATGGTG	20839
2163	UGGCACAA G UCUGGAAG	3720	CTTCCAGA GGCTAGCTACAACGA TTGTGCCA	20840
2171	GUCUGGAA G CAGCAUUG	3721	CAATGCTG GGCTAGCTACAACGA TTCCAGAC	20841
2174	UGGAAGCA G CAUUGGCA	3722	TGCCAATG GGCTAGCTACAACGA TGCTTCCA	20842
2180	CAGCAUUG G CAAAGCCU	3723	AGGCTTTG GGCTAGCTACAACGA CAATGCTG	20843
2185	UUGGCAAA G CCUUUACA	3724	TGTAAAGG GGCTAGCTACAACGA TTTGCCAA	20844
2209	UCAAAGGA G CGCAGAGA	3725	TCTCTGCG GGCTAGCTACAACGA TCCTTTGA	20845
2211	AAAGGAGC G CAGAGACU	3726	AGTCTCTG GGCTAGCTACAACGA GCTCCTTT	
2221	AGAGACUA G CCGCUCUA	3727	TAGAGCGG GGCTAGCTACAACGA TAGTCTCT	20847
2224	GACUAGCC G CUCUAGGA	3728	TCCTAGAG GGCTAGCTACAACGA GGCTAGTC	20849
2239	GAGACACA G CUUGGGAC	3729	GTCCCAAG GGCTAGCTACAACGA TGTGTCTC	20850
2257	UUGGAUCA G UUGGAGGG	3730	CCCTCCAA GGCTAGCTACAACGA TGATCCAA	20851
2266	UUGGAGGG G UGUUCACC	3731	GGTGAACA GGCTAGCTACAACGA CCCTCCAA	20852
2268	GGAGGGGU G UUCACCUC	3732	GAGGTGAA GGCTAGCTACAACGA ACCCCTCC	20853
2278	UCACCUCA G UUGGGAAG	3733	CTTCCCAA GGCTAGCTACAACGA TGAGGTGA	20854
2287	UUGGGAAG G CUGUCCAU	3734	ATGGACAG GGCTAGCTACAACGA CTTCCCAA	20855
2290	GGAAGGCU G UCCAUCAA	3735	TTGATGGA GGCTAGCTACAACGA AGCCTTCC	20856
2299	UCCAUCAA G UGUUCGGA	3736	TCCGAACA GGCTAGCTACAACGA TTGATGGA	20857
2301	CAUCAAGU G UUCGGAGG	3737	CCTCCGAA GGCTAGCTACAACGA ACTTGATG	20858
2311	UCGGAGGA G CAUUCCGC	3738	GCGGAATG GGCTAGCTACAACGA TCCTCCGA	20859
2318	AGCAUUCC G CUCACUGU	3739	ACAGTGAG GGCTAGCTACAACGA GGAATGCT	20860
2325	CGCUCACU G UUCGGAGG	3740	CCTCCGAA GGCTAGCTACAACGA AGTGAGCG	20861
2333	GUUCGGAG G CAUGUCCU	3741	AGGACATG GGCTAGCTACAACGA CTCCGAAC	20862
2337	GGAGGCAU G UCCUGGAU	3742	ATCCAGGA GGCTAGCTACAACGA ATGCCTCC	20863
2358	UGGAUAAC G CAAGGAUU	3743	AATCCTTG GGCTAGCTACAACGA GTTATCCA	20864
2365	CAAGGAUU G CUGGGGGC	3744	GCCCCCAG GGCTAGCTACAACGA AATCCTTG	20865
2373	UGCUGGGG G CUCUCCUG	3745	CAGGAGAG GGCTAGCTACAACGA CCCCAGCA	20866
2376	GCUCUCCU G UUGUGGAU	3746	ATCCACAA GGCTAGCTACAACGA AGGAGAGC	20867
2384	CUCCUGUU G UGGAUGGG	3747	CCCATCCA GGCTAGCTACAACGA AACAGGAG	20868
2392	GUGGAUGG G CAUCAAUG GCAUCAAU G CUCGUGAU	3748	CATTGATG GGCTAGCTACAACGA CCATCCAC	20869
2396	CAAUGCUC G UGAUAGGU	3749	ATCACGAG GGCTAGCTACAACGA ATTGATGC	20870
2403	CGUGAUAG G UCCAUAGC	3750	ACCTATCA GGCTAGCTACAACGA GAGCATTG	20871
2410	GGUCCAUA G CUCUCACG	3751	GCTATGGA GGCTAGCTACAACGA CTATCACG	20872
2418	GCUCUCAC G UUUCUCGC	3752	CGTGAGAG GGCTAGCTACAACGA TATGGACC	20873
2425	CGUUUCUC G CAGUUGGA	3753	GCGAGAAA GGCTAGCTACAACGA GTGAGAGC	20874
2428	UUCUCGCA G UUGGAGGA	3754	TCCAACTG GGCTAGCTACAACGA GAGAAACG	20875
2437	UUGGAGGA G UUCUGCUC	3755	TCCTCCAA GGCTAGCTACAACGA TGCGAGAA	20876
2442	GGAGUUCU G CUCUUCCU	3756	GAGCAGAA GGCTAGCTACAACGA TCCTCCAA	20877
2455	UCCUCUC G UGAACGUG	3757	AGGAAGAG GGCTAGCTACAACGA AGAACTCC	20878
2461	CCGUGAAC G UGCACGCU	3758	CACGTTCA GGCTAGCTACAACGA GGAGAGGA	20879
2463	GUGAACGU G CACGCUGA	3759	AGCGTGCA GGCTAGCTACAACGA GTTCACGG	20880
2467	ACGUGCAC G CUGACACU	3760	TCAGCGTG GGCTAGCTACAACGA ACGTTCAC	20881
2478	GACACUGG G UGUGCCAU	3761	AGTGTCAG GGCTAGCTACAACGA GTGCACGT	20882
2480	CACUGGGU G UGCCAUAG	3762	ATGGCACA GGCTAGCTACAACGA CCAGTGTC	20883
	COUCUS G UGCLAUAG	3763	CTATGGCA GGCTAGCTACAACGA ACCCAGTG	20884
2482 I	CUGGGUGII G CCATTAGAG	27//		
2482	CUGGGUGU G CCAUAGAC AGACAUCA G CCGGCAAG	3764	GTCTATGG GGCTAGCTACAACGA ACACCCAG	20885
2482 2495 2499	AGACAUCA G CCGGCAAG	3765	CTTGCCGG GGCTAGCTACAACGA TGATGTCT	20885 20886
2495			GTCTATGG GGCTAGCTACAACGA ACACCCAG CTTGCCGG GGCTAGCTACAACGA TGATGTCT AGCTCTTG GGCTAGCTACAACGA CGGCTGAT CATCTCAG GGCTAGCTACAACGA TCTTGCCG	

		1	able VI	
2513	GCUGAGAU G UGGAAGUG	3768	CACTTCCA GGCTAGCTACAACGA ATCTCAGC	20889
2519	AUGUGGAA G UGGAGUGU	3769	ACACTCCA GGCTAGCTACAACGA TTCCACAT	20890
2524	GAAGUGGA G UGUUCAUA	3770	TATGAACA GGCTAGCTACAACGA TCCACTTC	20891
2526	AGUGGAGU G UUCAUACA	3771	TGTATGAA GGCTAGCTACAACGA ACTCCACT	20892
2542	ACAAUGAU G UGGAGGCU	3772	AGCCTCCA GGCTAGCTACAACGA ATCATTGT	20893
2548	AUGUGGAG G CUUGGAUG	3773	CATCCAAG GGCTAGCTACAACGA CTCCACAT	20894
2562 2568	AUGGACCG G UACAAGUA	3774	TACTTGTA GGCTAGCTACAACGA CGGTCCAT	20895
2583	CGGUACAA G UAUUACCC CCUGAAAC G CCACAAGG	3775	GGGTAATA GGCTAGCTACAACGA TTGTACCG	20896
2591	GCCACAAG G CCUAGCCA	3776	CCTTGTGG GGCTAGCTACAACGA GTTTCAGG	20897
2596	AAGGCCUA G CCAAGAUC	3777	TGGCTAGG GGCTAGCTACAACGA CTTGTGGC	20898
2614	UUCAGAAA G CUCAUAAG	3779	GATCTTGG GGCTAGCTACAACGA TAGGCCTT	20899
2629	AGGAAGGA G UGUGCGGU	3780	CTTATGAG GGCTAGCTACAACGA TITCTGAA ACCGCACA GGCTAGCTACAACGA TCCTTCCT	20900
2631	GAAGGAGU G UGCGGUCU	3781	AGACCGCA GGCTAGCTACAACGA TCCTTCCT	20901
2633	AGGAGUGU G CGGUCUAC	3782	GTAGACCG GGCTAGCTACAACGA ACTCCTTC	20902
2636	AGUGUGCG G UCUACGAU	3783	ATCGTAGA GGCTAGCTACAACGA CGCACACT	20903
2647	UACGAUCA G UUUCCAGA	3784	TCTGGAAA GGCTAGCTACAACGA TGATCGTA	20904
2661	AGACUGGA G CAUCAAAU	3785	ATTTGATG GGCTAGCTACAACGA TCCAGTCT	20905
2670	CAUCAAAU G UGGGAAGC	3786	GCTTCCCA GGCTAGCTACAACGA ATTTGATG	20907
2677	UGUGGGAA G CAGUGAAG	3787	CTTCACTG GGCTAGCTACAACGA TTCCCACA	20908
2680	GGGAAGCA G UGAAGGAC	3788	GTCCTTCA GGCTAGCTACAACGA TGCTTCCC	20909
2691	AAGGACGA G CUGAACAC	3789	GTGTTCAG GGCTAGCTACAACGA TCGTCCTT	20910
2717	GGAGAAUG G UGUGGACC	3790	GGTCCACA GGCTAGCTACAACGA CATTCTCC	20911
2719	AGAAUGGU G UGGACCUU	3791	AAGGTCCA GGCTAGCTACAACGA ACCATTCT	20912
2729	GGACCUUA G UGUCGUGG	3792	CCACGACA GGCTAGCTACAACGA TAAGGTCC	20913
2731	ACCUVAGU G UCGUGGUU	3793	AACCACGA GGCTAGCTACAACGA ACTAAGGT	20914
2734	UUAGUGUC G UGGUUGAG	3794	CTCAACCA GGCTAGCTACAACGA GACACTAA	20915
2757	GUGUCGUG G UUGAGAAA	3795	TTTCTCAA GGCTAGCTACAACGA CACGACAC	20916
2763	GAGGGAAU G UACAAGUC AUGUACAA G UCAGCACC	3796 3797	GACTTGTA GGCTAGCTACAACGA ATTCCCTC	20917
2767	ACAAGUCA G CACCUAAA	3798	GGTGCTGA GGCTAGCTACAACGA TTGTACAT	20918
2777	ACCUAAAC G CCUCACCG	3799	TTTAGGTG GGCTAGCTACAACGA TGACTTGT CGGTGAGG GGCTAGCTACAACGA GTTTAGGT	20919
2785	GCCUCACC G CCACCACG	3800	CGTGGTGG GGCTAGCTACAACGA GTTTAGGT	20920
2810	GGAAAUUG G CUGGAAGG	3801	CCTTCCAG GGCTAGCTACAACGA CAATTTCC	20921
2818	GCUGGAAG G CCUGGGGA	3802	TCCCCAGG GGCTAGCTACAACGA CTTCCAGC	20922
2831	GGGAAAGA G UAUUUUAU	3803	ATAAAATA GGCTAGCTACAACGA TCTTTCCC	20924
2842	UUUUAUUU G CACCAGAA	3804	TTCTGGTG GGCTAGCTACAACGA AAATAAAA	20925
2854	CAGAACUC G CCAACAAC	3805	GTTGTTGG GGCTAGCTACAACGA GAGTTCTG	20926
2869	ACACCUUU G UGGUUGAU	3806	ATCAACCA GGCTAGCTACAACGA AAAGGTGT	20927
2872	CCUUUGUG G UUGAUGGU	3807	ACCATCAA GGCTAGCTACAACGA CACAAAGG	20928
2879	GGUUGAUG G UCCGGAGA	3808	TCTCCGGA GGCTAGCTACAACGA CATCAACC	20929
2897	CAAGGAAU G UCCGACUC	3809	GAGTCGGA GGCTAGCTACAACGA ATTCCTTG	20930
2914	UCAGAAUC G CGCUUGGA	3810	TCCAAGCG GGCTAGCTACAACGA GATTCTGA	20931
2924	AGAAUCGC G CUUGGAAU UUGGAAUA G CUUAGAAG	3811	ATTCCAAG GGCTAGCTACAACGA GCGATTCT	20932
2932	GCUUAGAA G UGGAGGAU	3812	CTTCTAAG GGCTAGCTACAACGA TATTCCAA	20933
2951	UGGAUUUG G UCUCACCA	3813	ATCCTCCA GGCTAGCTACCAACGA TTCTAAGC	20934
2960	UCUCACCA G CACUCGGA	3815	TGGTGAGA GGCTAGCTACAACGA CAAATCCA TCCGAGTG GGCTAGCTACAACGA TGGTGAGA	20935
2970	ACUCGGAU G UUCCUGAA	3816	TTCAGGAA GGCTAGCTACAACGA TTCCGAGT	20936
2980	UCCUGAAG G UCAGAGAG	3817	CTCTCTGA GGCTAGCTACAACGA ATCCGAGT	20937
2990	CAGAGAGA G CAACACAA	3818	TTGTGTTG GGCTAGCTACAACGA TCTCTCTG	20938
3005	AACUGAAU G UGACUCGA	3819	TCGAGTCA GGCTAGCTACAACGA ATTCAGTT	20939
3028	UUGGAACG G CUGUCAAG	3820	CTTGACAG GGCTAGCTACAACGA CGTTCCAA	20941
3031	GAACGGCU G UCAAGAAC	3821	GTTCTTGA GGCTAGCTACAACGA AGCCGTTC	20942
3046	ACAACUUG G CGAUCCAC	3822	GTGGATCG GGCTAGCTACAACGA CAAGTTGT	20943
3056	GAUCCACA G UGACCUGU	3823	ACAGGTCA GGCTAGCTACAACGA TGTGGATC	20944
3063	AGUGACCU G UCCUAUUG	3824	CAATAGGA GGCTAGCTACAACGA AGGTCACT	20945
3080	GAUUGAAA G CAGGCUCA	3825	TGAGCCTG GGCTAGCTACAACGA TTTCAATC	20946
3084	GAAAGCAG G CUCAAUGA	3826	TCATTGAG GGCTAGCTACAACGA CTGCTTTC	20947
3102	AAUGAUAC G UGGAAGCU ACGUGGAA G CUUGAAAG	3827	AGCTTCCA GGCTAGCTACAACGA GTATCATT	20948
3112	UUGAAAGG G CAGUUCUG	3828	CTTTCAAG GGCTAGCTACAACGA TTCCACGT	20949
	COGNETICE & CHOOLOG	3829	CAGAACTG GGCTAGCTACAACGA CCTTTCAA	20950

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3115	AAAGGGCA G UUCUGGGU			
3122	AGUUCUGG G UGAAGUCA	3830	ACCCAGAA GGCTAGCTACAACGA TGCCCTTT	20951
3127	UGGGUGAA G UCAAAUCA	3831	TGACTTCA GGCTAGCTACAACGA CCAGAACT	20952
3137	CAAAUCAU G UACGUGGC	3832	TGATTTGA GGCTAGCTACAACGA TTCACCCA	20953
3141	UCAUGUAC G UGGCCUGA	3833	GCCACGTA GGCTAGCTACAACGA ATGATTTG	20954
3144	UGUACGUG G CCUGAGAC	3834	TCAGGCCA GGCTAGCTACAACGA GTACATGA	20955
3153	CCUGAGAC G CAUACCUU	3836	GTCTCAGG GGCTAGCTACAACGA CACGTACA	20956
3162	CAUACCUU G UGGGGCGA		AAGGTATG GGCTAGCTACAACGA GTCTCAGG	20957
3167	CUUGUGGG G CGAUGGAA	3837	TCGCCCCA GGCTAGCTACAACGA AAGGTATG	20958
3185	CCUUGAGA G UGACUUGA		TTCCATCG GGCTAGCTACAACGA CCCACAAG	20959
3202	UAAUACCA G UCACACUG	3839	TCAAGTCA GGCTAGCTACAACGA TCTCAAGG	20960
3211	UCACACUG G CGGGACCA	3840	CAGTGTGA GGCTAGCTACAACGA TGGTATTA	20961
3224	ACCACGAA G CAAUCACA	3842	TGGTCCCG GGCTAGCTACAACGA CAGTGTGA	20962
3246	AGACCUGG G UACAAGAC		TGTGATTG GGCTAGCTACAACGA TTCGTGGT	20963
3266	AAACCAGG G CCCAUGGG	3843	GTCTTGTA GGCTAGCTACAACGA CCAGGTCT	20964
3281	GGACGAAG G CCGGGUAG	3844	CCCATGGG GGCTAGCTACAACGA CCTGGTTT	20965
3286	AAGGCCGG G UAGAGAUU	3845	CTACCCGG GGCTAGCTACAACGA CTTCGTCC	20966
3308	CGAUUACU G CCCAGGAA	3846	AATCTCTA GGCTAGCTACAACGA CCGGCCTT	20967
3322	GAACUACG G UCACCCUG	3847	TTCCTGGG GGCTAGCTACAACGA AGTAATCG	20968
3332	CACCCUGA G UGAGAGCU	3848	CAGGGTGA GGCTAGCTACAACGA CGTAGTTC	20969
3338	GAGUGAGA G CUGCGGAC	3849	AGCTCTCA GGCTAGCTACAACGA TCAGGGTG	20970
3341	UGAGAGCU G CGGACACC	3850	GTCCGCAG GGCTAGCTACAACGA TCTCACTC	20971
3350	CGGACACC G UGGACCUG	3851	GGTGTCCG GGCTAGCTACAACGA AGCTCTCA	20972
3358	GUGGACCU G CCACUCGC	3852	CAGGTCCA GGCTAGCTACAACGA GGTGTCCG	20973
3365	UGCCACUC G CACCACCA	3853	GCGAGTGG GGCTAGCTACAACGA AGGTCCAC	20974
3380	CACAGAGA G CGGAAAGU	3854	TGGTGGTG GGCTAGCTACAACGA GAGTGGCA	20975
3387	AGCGGAAA G UUGAUAAC	3855	ACTITCCG GGCTAGCTACAACGA TCTCTGTG	20976
3402	ACAGAUUG G UGCUGCAG	3856	GTTATCAA GGCTAGCTACAACGA TTTCCGCT	20977
3404	AGAUUGGU G CUGCAGGA	3857	CTGCAGCA GGCTAGCTACAACGA CAATCTGT	20978
3407	UUGGUGCU G CAGGAGCU	3858	TCCTGCAG GGCTAGCTACAACGA ACCAATCT	20979
3413	CUGCAGGA G CUGCACCU	3859	AGCTCCTG GGCTAGCTACAACGA AGCACCAA	20980
3416	CAGGAGCU G CACCUUAC	3860	AGGTGCAG GGCTAGCTACAACGA TCCTGCAG	20981
3432	CCACCACU G CGCUACCA	3861	GTAAGGTG GGCTAGCTACAACGA AGCTCCTG	20982
3434	ACCACUGC G CUACCAAA	3862	TGGTAGCG GGCTAGCTACAACGA AGTGGTGG	20983
3449	AACUGACA G CGGCUGUU	3863	TTTGGTAG GGCTAGCTACAACGA GCAGTGGT	20984
3452	UGACAGCG G CUGUUGGU	3864	AACAGCCG GGCTAGCTACAACGA TGTCAGTT	20985
3455	CAGCGGCU G UUGGUAUG		ACCAACAG GGCTAGCTACAACGA CGCTGTCA	20986
3459	GGCUGUUG G UAUGGUAU	3866	CATACCAA GGCTAGCTACAACGA AGCCGCTG	20987
3464	UUGGUAUG G UAUGGAGA	3868	ATACCATA GGCTAGCTACAACGA CAACAGCC	20988
3505	AGACCCUC G UGCAGUCA	3869	TCTCCATA GGCTAGCTACAACGA CATACCAA	20989
3507	ACCCUCGU G CAGUCACA	3870	TGACTGCA GGCTAGCTACAACGA GAGGGTCT	20990
3510	CUCGUGCA G UCACAAGU	3871	TGTGACTG GGCTAGCTACAACGA ACGAGGGT	20991
3517	AGUCACAA G UGAAUGCU	3872	ACTTGTGA GGCTAGCTACAACGA TGCACGAG	20992
3523	AAGUGAAU G CUUAUAAU	3873	AGCATTCA GGCTAGCTACAACGA TTGTGACT	20993
3532	CUUAUAAU G CUGAUAUG	3874	ATTATAAG GGCTAGCTACAACGA ATTCACTT	20994
3555	CCUUUUCA G UUGGGCCU	3875	CATATCAG GGCTAGCTACAACGA ATTATAAG	20995
3560	UCAGUUGG G CCUUCUGG	<del></del>	AGGCCCAA GGCTAGCTACAACGA TGAAAAGG	20996
3568	GCCUUCUG G UCGUGUUC	3876	CCAGAAGG GGCTAGCTACAACGA CCAACTGA	20997
3571	UUCUGGUC G UGUUCUUG	3877	GAACACGA GGCTAGCTACAACGA CAGAAGGC	20998
3573	CUGGUCGU G UUCUUGGC	3878	CAAGAACA GGCTAGCTACAACGA GACCAGAA	20999
3580	UGUUCUUG G CCACCCAG	3879	GCCAAGAA GGCTAGCTACAACGA ACGACCAG	21000
3592	CCCAGGAG G UCCUUCGC	3880	CTGGGTGG GGCTAGCTACAACGA CAAGAACA	21001
3599	GGUCCUUC G CAAGAGGU	3881	GCGAAGGA GGCTAGCTACAACGA CTCCTGGG	21002
3606	CGCAAGAG G UGGACAGC	3882	ACCTCTTG GGCTAGCTACAACGA GAAGGACC	21003
3613	GGUGGACA G CCAAGAUC	3883	GCTGTCCA GGCTAGCTACAACGA CTCTTGCG	21004
3623	CAAGAUCA G CAUGCCAG	3884	GATCTTGG GGCTAGCTACAACGA TGTCCACC	21005
1627	AUCAGCAU G CCAGCUAU	3885	CTGGCATG GGCTAGCTACAACGA TGATCTTG	21006
631	GCAUGCCA G CUAUACUG	3886	ATAGCTGG GGCTAGCTACAACGA ATGCTGAT	21007
643	UACUGAUU G CUCUGCUA	3887	CAGTATAG GGCTAGCTACAACGA TGGCATGC	21008
648	AUUGCUCU G CUAGUCCU	3888	TAGCAGAG GGCTAGCTACAACGA AATCAGTA	21009
J 7 0 1		3889	AGGACTAG GGCTAGCTACAACGA AGAGCAAT	21010
	CUCUCCITA C MOGRACIO			
652 658	CUCUGCUA G UCCUGGUG  UAGUCCUG G UGUUUGGG	3890 3891	CACCAGGA GGCTAGCTACAACGA TAGCAGAG CCCAAACA GGCTAGCTACAACGA CAGGACTA	21011

		,	l'able VI	
3660	GUCCUGGU G UUUGGGGG	3892	CCCCCAAA GGCTAGCTACAACGA ACCAGGAC	21013
3668	GUUUGGGG G CAUUACUU	3893	AAGTAATG GGCTAGCTACAACGA CCCCAAAC	21013
3685	ACACUGAU G UGUUACGC	3894	GCGTAACA GGCTAGCTACAACGA ATCAGTGT	21015
3687	ACUGAUGU G UUACGCUA	3895	TAGCGTAA GGCTAGCTACAACGA ACATCAGT	21016
3692	UGUGUUAC G CUAUGUCA	3896	TGACATAG GGCTAGCTACAACGA GTAACACA	21017
3697	UACGCUAU G UCAUCUUG	3897	CAAGATGA GGCTAGCTACAACGA ATAGCGTA	21018
3706	UCAUCUUG G UGGGGGCA	3898	TGCCCCCA GGCTAGCTACAACGA CAAGATGA	21019
3712	UGGUGGGG G CAGCUUUC	3899	GAAAGCTG GGCTAGCTACAACGA CCCCACCA	21020
3715	UGGGGGCA G CUUUCGCA	3900	TGCGAAAG GGCTAGCTACAACGA TGCCCCCA	21021
3721	CAGCUUUC G CAGAAUCU	3901	AGATTCTG GGCTAGCTACAACGA GAAAGCTG	21022
3745	GAGGAGAC G UGGUACAC	3902	GTGTACCA GGCTAGCTACAACGA GTCTCCTC	21023
3748	GAGACGUG G UACACUUG	3903	CAAGTGTA GGCTAGCTACAACGA CACGTCTC	21024
3757	UACACUUG G CGCUCAUG	3904	CATGAGCG GGCTAGCTACAACGA CAAGTGTA	21025
3759	CACUUGGC G CUCAUGGC	3905	GCCATGAG GGCTAGCTACAACGA GCCAAGTG	21026
3766	CGCUCAUG G CGACCUUC	3906	GAAGGTCG GGCTAGCTACAACGA CATGAGCG	21027
3787	UACAACCA G UGUUUAUG	3907	CATAAACA GGCTAGCTACAACGA TGGTTGTA	21028
3789	CAACCAGU G UUUAUGGU	3908	ACCATAAA GGCTAGCTACAACGA ACTGGTTG	21029
3799	UGUUUAUG G UGGCAUCG	3909	CGATGCCA GGCTAGCTACAACGA CATAAACA	21030
3804	UUAUGGUG G CAUCGUUU	3910	AAACGATG GGCTAGCTACAACGA CACCATAA	21031
3814	GUGGCAUC G UUUCUCAA	3911	TTGAGAAA GGCTAGCTACAACGA GATGCCAC	21032
3843	UUCUCAAA G CGAGAUGG	3912	CCATCTCG GGCTAGCTACAACGA TTTGAGAA	21033
3849	AACAUUUU G UUGAUGUU	3913	AACATCAA GGCTAGCTACAACGA AAAATGTT	21034
3853	UUGUUGAU G UUGGCGGC UGAUGUUG G CGGCUGUU	3914	GCCGCCAA GGCTAGCTACAACGA ATCAACAA	21035
3856	UGUUGGCG G CUGUUUUC	3915	AACAGCCG GGCTAGCTACAACGA CAACATCA	21036
3859	UGGCGGCU G UUUUCUUU	3916	GAAAACAG GGCTAGCTACAACGA CGCCAACA	21037
3874	UUCAAAUG G CUUAUCAC	3917	AAAGAAAA GGCTAGCTACAACGA AGCCGCCA	21038
3886	AUCACGAU G CCCGCCAA	3918	GTGATAAG GGCTAGCTACAACGA CATTTGAA	21039
3890	CGAUGCCC G CCAAAUUC	3919	TTGGCGGG GGCTAGCTACAACGA ATCGTGAT	21040
3900	CAAAUUCU G CUCUGGGA	3920	GAATTTGG GGCTAGCTACAACGA GGGCATCG	21041
3919	UCCCUGAU G UGUUGAAU	3921 3922	TCCCAGAG GGCTAGCTACAACGA AGAATTTG	21042
3921	CCUGAUGU G UUGAAUUC	3923	ATTCAACA GGCTAGCTACAACGA ATCAGGGA	21043
3934	AUUCACUG G CGGUAGCU	3924	GAATTCAA GGCTAGCTACAACGA ACATCAGG	21044
3937	CACUGGCG G UAGCUUGG	3925	AGCTACCE GGCTAGCTACAACGA CAGTGAAT	21045
3940	UGGCGGUA G CUUGGAUG	3926	CCAAGCTA GGCTAGCTACAACGA CGCCAGTG	21046
3958	UACUGAGA G CCAUAACA	3927	CATCCAAG GGCTAGCTACAACGA TACCGCCA TGTTATGG GGCTAGCTACAACGA TCTCAGTA	21047
3985	CAUCAAAC G UGGUUGUU	3928	AACAACCA GGCTAGCTACAACGA TCTCAGTA	21048
3988	CAAACGUG G UUGUUCCG	3929	CGGAACAA GGCTAGCTACAACGA CACGTTTG	21049
3991	ACGUGGUU G UUCCGCUG	3930	CAGCGGAA GGCTAGCTACAACGA CACGTTTG	21050
3996	GUUGUUCC G CUGCUAGC	3931	GCTAGCAG GGCTAGCTACAACGA AACCACGT	21051
3999	GUUCCGCU G CUAGCCCU	3932	AGGGCTAG GGCTAGCTACAACGA AGCGGAAC	21052
4003	CGCUGCUA G CCCUGCUA	3933	TAGCAGGG GGCTAGCTACAACGA TAGCAGCG	21053
4008	CUAGCCCU G CUAACACC	3934	GGTGTTAG GGCTAGCTACAACGA AGGGCTAG	21054
4020	ACACCCGG G CUGAGAUG	3935	CATCTCAG GGCTAGCTACAACGA CCGGGTGT	21055
4028	GCUGAGAU G CUUGAAUC	3936	GATTCAAG GGCTAGCTACAACGA ATCTCAGC	21056
4042	AUCUGGAU G UGUACAGG	3937	CCTGTACA GGCTAGCTACAACGA ATCCAGAT	21057
4044	CUGGAUGU G UACAGGAU	3938	ATCCTGTA GGCTAGCTACAACGA ACATCCAG	21058
4056	AGGAUACU G CUGUUGAU	3939	ATCAACAG GGCTAGCTACAACGA AGTATCCT	21059
4059	AUACUGCU G UUGAUGGU	3940	ACCATCAA GGCTAGCTACAACGA AGCAGTAT	21060
4066	UGUUGAUG G UCGGAAUA	3941	TATTCCGA GGCTAGCTACAACGA CATCAACA	21062
4076	CGGAAUAG G CAGCUUGA	3942	TCAAGCTG GGCTAGCTACAACGA CTATTCCG	21062
4079	AAUAGGCA G CUUGAUCA	3943	TGATCAAG GGCTAGCTACAACGA TGCCTATT	21064
4100	GAAGAGGA G UGCAGCUG	3944	CAGCTGCA GGCTAGCTACAACGA TCCTCTTC	21065
4102	AGAGGAGU G CAGCUGCA	3945	TGCAGCTG GGCTAGCTACAACGA ACTCCTCT	21065
4105	GGAGUGCA G CUGCAAAA	3946	TTTTGCAG GGCTAGCTACAACGA TGCACTCC	21067
4108	GUGCAGCU G CAAAAAAG	3947	CTTTTTG GGCTAGCTACAACGA AGCTGCAC	21068
4123	AGAAAGGA G CAAGUCUG	3948	CAGACTTG GGCTAGCTACAACGA TCCTTTCT	21069
4127	AGGAGCAA G UCUGCUAU	3949	ATAGCAGA GGCTAGCTACAACGA TTGCTCCT	21070
4131	GCAAGUCU G CUAUGCUU	3950	AAGCATAG GGCTAGCTACAACGA AGACTTGC	21071
4141	UCUGCUAU G CUUGGCUC	3951	GAGCCAAG GGCTAGCTACAACGA ATAGCAGA	21072
4147	UAUGCUUG G CUCUAGCC	3952	GGCTAGAG GGCTAGCTACAACGA CAAGCATA	21073
	UGGCUCUA G CCUCAACA	3953	TGTTGAGG GGCTAGCTACAACGA TAGAGCCA	21074

	Table VI	PCT/US01/48350

43.50				
4180		3954	TCCAGCAG GGCTAGCTACAACGA AAGGATCA	2107
4183	UCCUUGCU G CUGGACUG	3955	CAGTCCAG GGCTAGCTACAACGA AGCAAGGA	21076
4195		3956	ATCACATG GGCTAGCTACAACGA AATCAGTC	21077
4199	GAUUGCAU G UGAUCCCA	3957	TGGGATCA GGCTAGCTACAACGA ATGCAATC	21078
4211	UCCCAACC G UAAACGCG	3958	CGCGTTTA GGCTAGCTACAACGA GGTTGGGA	21079
4217	CCGUAAAC G CGGAUGGC	3959	GCCATCCG GGCTAGCTACAACGA GTTTACGG	21080
4224	CGCGGAUG G CCCGCAAC	3960	GTTGCGGG GGCTAGCTACAACGA CATCCGCG	
4228	GAUGGCCC G CAACUGAA	3961	TTCAGTTG GGCTAGCTACAACGA GGGCCATC	21081
4237	CAACUGAA G UGAUGACA	3962	TGTCATCA GGCTAGCTACAACGA TTCAGTTG	21082
4246	UGAUGACA G CUGUCGGC	3963	GCCGACAG GGCTAGCTACAACGA TGTCATCA	21083
4249	UGACAGCU G UCGGCCUA	3964	TAGGCCGA GGCTAGCTACAACGA AGCTGTCA	21084
4253	AGCUGUCG G CCUAAUGU	3965	ACATTAGO COCTAGOTA CAACGA AGCIGTCA	21085
4260	GGCCUAAU G UUUGCCAU	3966	ACATTAGG GGCTAGCTACAACGA CGACAGCT	21086
4264	UAAUGUUU G CCAUCGUC	3967	ATGGCAAA GGCTAGCTACAACGA ATTAGGCC	21087
4270	UUGCCAUC G UCGGAGGG	3968	GACGATGG GGCTAGCTACAACGA AAACATTA	21088
4278	GUCGGAGG G CUGGCAGA	3969	CCCTCCGA GGCTAGCTACAACGA GATGGCAA	21089
4282	GAGGGCUG G CAGAGCUU	3970	TCTGCCAG GGCTAGCTACAACGA CCTCCGAC	21090
4287	CUGGCAGA G CUUGACAU	<del></del>	AAGCTCTG GGCTAGCTACAACGA CAGCCCTC	21091
4306	ACUCCAUG G CCAUUCCA	3971	ATGTCAAG GGCTAGCTACAACGA TCTGCCAG	21092
4324	UGACUAUC G CGGGGCUC	3972	TGGAATGG GGCTAGCTACAACGA CATGGAGT	21093
4329	<del></del>	3973	GAGCCCCG GGCTAGCTACAACGA GATAGTCA	21094
4335	AUCGCGGG G CUCAUGUU	3974	AACATGAG GGCTAGCTACAACGA CCCGCGAT	21095
4339	GGGCUCAU G UUUGCUGC	3975	GCAGCAAA GGCTAGCTACAACGA ATGAGCCC	21096
	UCAUGUUU G CUGCUUUC	3976	GAAAGCAG GGCTAGCTACAACGA AAACATGA	21097
4342	UGUUUGCU G CUUUCGUG	3977	CACGAAAG GGCTAGCTACAACGA AGCAAACA	21098
4348	CUGCUUUC G UGAUUUCU	3978	AGAAATCA GGCTAGCTACAACGA GAAAGCAG	21099
4374	ACAGAUAU G UGGAUUGA	3979	TCAATCCA GGCTAGCTACAACGA ATATCTGT	21100
4390	AGAGAACG G CGGACAUU	3980	AATGTCCG GGCTAGCTACAACGA CGTTCTCT	21101
4409	CUGGGAAA G UGAUGCAG	3981	CTGCATCA GGCTAGCTACAACGA TTTCCCAG	21102
4414	AAAGUGAU G CAGAAAUU	3982	AATTTCTG GGCTAGCTACAACGA ATCACTTT	21103
4427	AAUUACAG G CUCGAGCG	3983	CGCTCGAG GGCTAGCTACAACGA CTGTAATT	21104
4433	AGGCUCGA G CGAAAGAG	3984	CTCTTTCG GGCTAGCTACAACGA TCGAGCCT	21105
4441	GCGAAAGA G UUGAUGUG	3985	CACATCAA GGCTAGCTACAACGA TCTTTCGC	21105
4447	GAGUUGAU G UGCGGCUU	3986	AAGCCGCA GGCTAGCTACAACGA ATCAACTC	
4449	GUUGAUGU G CGGCUUGA	3987	TCAAGCCG GGCTAGCTACAACGA ACATCAAC	21107
4452	GAUGUGCG G CUUGAUGA	3988	TCATCAAG GGCTAGCTACAACGA CGCACATC	21108
4476	AACUUCCA G CUCAUGAA	3989	TTCATGAG GGCTAGCTACAACGA TGGAAGTT	21109
4495	AUCCAGGA G CACCUUGG	3990	CCAAGGTG GGCTAGCTACAACGA TCCTGGAT	21110
4515	AUAUGGAU G CUCAGAAU	3991	ATTCTGAG GGCTAGCTACAACGA ATCCATAT	21111
4525	UCAGAAUG G UCUGUCUC	3992	GAGACAGA GGCTAGCTACAACGA CATTCTGA	21112
4529	AAUGGUCU G UCUCGCGA	3993	TCGCGAGA GGCTAGCTACAACGA AGACCATT	21113
4534	UCUGUCUC G CGAUUAGU	3994	ACTAATCG GGCTAGCTACAACGA GAGACAGA	21114
4541	CGCGAUUA G UGCGUACA	3995	TGTACGCA GGCTAGCTACAACGA TAATCGCG	21115
4543	CGAUUAGU G CGUACACC	3996	GGTGTACG GGCTAGCTACAACGA TAATCGCG	21116
4545	AUUAGUGC G UACACCCC	3997	GGGGTGTA GGGTAGGTAGGTAGGA AGTAATCG	21117
4558	CCCCCUGG G CAAUCUUG	3998	GGGGTGTA GGCTAGCTACAACGA GCACTAAT CAAGATTG GGCTAGCTACAACGA CCAGGGGG	21118
4566	GCAAUCUU G CCCUCAGU	3999	ACTGACGG GGCTACGTACGACGA CCAGGGGG	21119
4573	UGCCCUCA G UAGUUGGA	4000	ACTGAGGG GGCTAGCTACAACGA AAGATTGC	21120
4576	CCUCAGUA G UUGGAUUU	4001	TCCAACTA GGCTAGCTACAACGA TGAGGGCA	21121
4616	GAGAGGAG G CGUGUUGU	4002	AAATCCAA GGCTAGCTACAACGA TACTGAGG	21122
4618	GAGGAGGC G UGUUGUGG	4002	ACAACACG GGCTAGCTACAACGA CTCCTCTC	21123
4620	GGAGGCGU G UUGUGGGA	4003	CCACAACA GGCTAGCTACAACGA GCCTCCTC	21124
4623	GGCGUGUU G UGGGACAC		TCCCACAA GGCTAGCTACAACGA ACGCCTCC	21125
4647	CCAAAGGA G UACAAAAA	4005	GTGTCCCA GGCTAGCTACAACGA AACACGCC	21126
4673	GACCACCG G CGUCUACA	4006	TTTTTGTA GGCTAGCTACAACGA TCCTTTGG	21127
4675	CCACCGGC G UCUACAGG	4007	TGTAGACG GGCTAGCTACAACGA CGGTGGTC	21128
4694		4008	CCTGTAGA GGCTAGCTACAACGA GCCGGTGG	21129
4698	CAUGACUC G UGGGCUGC	4009	GCAGCCCA GGCTAGCTACAACGA GAGTCATG	21130
4701	ACUCGUGG G CUGCUCGG	4010	CCGAGCAG GGCTAGCTACAACGA CCACGAGT	21131
	CGUGGGCU G CUCGGCAG	4011	CTGCCGAG GGCTAGCTACAACGA AGCCCACG	21132
4706	GCUGCUCG G CAGUUAUC	4012	GATAACTG GGCTAGCTACAACGA CGAGCAGC	21132
4709	GCUCGGCA G UUAUCAAG	4013	CTTGATAA GGCTAGCTACAACGA TGCCGAGC	21134
4717	GUUAUCAA G CAGGAGCG	4014	CGCTCCTG GGCTAGCTACAACGA TTGATAAC	21135
4723	AAGCAGGA G CGGGCGUG	4015	CACGCCCG GGCTAGCTACAACGA TCCTGCTT	
			THE TOTAL TOURS	21136

		7	Table VI	
4727	AGGAGCGG G CGUGAUGG	4016	CCATCACG GGCTAGCTACAACGA CCGCTCCT	12112
4729	GAGCGGGC G UGAUGGUU	4017	AACCATCA GGCTAGCTACAACGA GCCCGCTC	2113
4735	GCGUGAUG G UUGAAGGU	4018	ACCTTCAA GGCTAGCTACAACGA CATCACGC	21138
4742	GGUUGAAG G UGUUUUCC	4019	GGAAAACA GGCTAGCTACAACGA CTTCAACC	21139
4744	UUGAAGGU G UUUUCCAC	4020	GTGGAAAA GGCTAGCTACAACGA ACCTTCAA	21140
4761	ACCCUUUG G CAUACAAC	4021	GTTGTATG GGCTAGCTACAACGA CAAAGGGT	21141
4777	CAAAAGGA G CCGCUUUG	4022	CAAAGCGG GGCTAGCTACAACGA TCCTTTTG	21142
4780	AAGGAGCC G CUUUGAUG	4023	CATCAAAG GGCTAGCTACAACGA GGCTCCTT	21143
4790	UUUGAUGA G CGGAGAGG	4024	CCTCTCCG GGCTAGCTACAACGA TCATCAAA	21144
4799	CGGAGAGG G CCGCCUGG	4025	CCAGGCGG GGCTAGCTACAACGA CCTCTCCG	21145
4802	AGAGGGCC G CCUGGACC	4026	GGTCCAGG GGCTAGCTACAACGA GGCCCTCT	21146
4820	AUACUGGG G CAGUGUCA	4027	TGACACTG GGCTAGCTACAACGA CCCAGTAT	21147
4823	CUGGGGCA G UGUCAAGG	4028	CCTTGACA GGCTAGCTACAACGA TGCCCCAG	21149
4825	GGGGCAGU G UCAAGGAG	4029	CTCCTTGA GGCTAGCTACAACGA ACTGCCCC	21150
4844	UCGACUUU G UUACGGAG	4030	CTCCGTAA GGCTAGCTACAACGA AAAGTCGA	21151
4866	UGGAAAUU G CAGCACAA	4031	TTGTGCTG GGCTAGCTACAACGA AATTTCCA	21152
4869	AAAUUGCA G CACAAGUG	4032	CACTTGTG GGCTAGCTACAACGA TGCAATTT	21153
4875	CAGCACAA G UGGAACGG	4033	CCGTTCCA GGCTAGCTACAACGA TTGTGCTG	21154
4884	UGGAACGG G CAGGAUGA	4034	TCATCCTG GGCTAGCTACAACGA CCGTTCCA	21155
4894	AGGAUGAG G UGCAGAUG	4035	CATCTGCA GGCTAGCTACAACGA CTCATCCT	21156
4896	GAUGAGGU G CAGAUGAU	4036	ATCATCTG GGCTAGCTACAACGA ACCTCATC	21157
4906	AGAUGAUU G UGGUGGAA	4037	TTCCACCA GGCTAGCTACAACGA AATCATCT	21158
4919	UGAUUGUG G UGGAACCU	4038	AGGTTCCA GGCTAGCTACAACGA CACAATCA	21159
4927	GGAACCUG G CAAGAACG	4039	CGTTCTTG GGCTAGCTACAACGA CAGGTTCC	21160
4936	GCAAGAAC G UUAAGAAC	4040	GTTCTTAA GGCTAGCTACAACGA GTTCTTGC	21161
4954	UUAAGAAC G UCCAGACG	4041	CGTCTGGA GGCTAGCTACAACGA GTTCTTAA	21162
4956	AACCAGGG G UGUUCAAA	4042	TTTGAACA GGCTAGCTACAACGA CCCTGGTT	21163
4984	CCAGGGGU G UUCAAAAC AAAUCGGG G CCGUGACU	4043	GTTTTGAA GGCTAGCTACAACGA ACCCCTGG	21164
4987	UCGGGGCC G UGACUUUG	4044	AGTCACGG GGCTAGCTACAACGA CCCGATTT	21165
5018	AACAUCAG G CUCACCAA	4045	CAAAGTCA GGCTAGCTACAACGA GGCCCCGA	21166
5029	CACCAAUA G UGGACAAA	4046	TTGGTGAG GGCTAGCTACAACGA CTGATGTT	21167
5042	CAAAAACG G UGAUGUGA	4047	TTTGTCCA GGCTAGCTACAACGA TATTGGTG	21168
5047	ACGGUGAU G UGAUUGGG	4048	TCACATCA GGCTAGCTACAACGA CGTTTTTG	21169
5055	GUGAUUGG G CUUUAUGG	4050	CCCAATCA GGCTAGCTACAACGA ATCACCGT	21170
5063	GCUUUAUG G CAAUGGAG	4051	CCATAAAG GGCTAGCTACAACGA CCAATCAC	21171
5071	GCAAUGGA G UCAUAAUG	4052	CTCCATTG GGCTAGCTACAACGA CATAAAGC	21172
5079	GUCAUAAU G CCCAACGG	4053	CATTATGA GGCTAGCTACAACGA TCCATTGC	21173
5087	GCCCAACG G CUCAUACA	4054	CCGTTGGG GGCTAGCTACAACGA ATTATGAC TGTATGAG GGCTAGCTACAACGA CGTTGGGC	21174
5099	AUACAUAA G CGCGAUAG	4055	CTATCGCG GGCTAGCTACAACGA CGTTGGGC	21175
5101	ACAUAAGC G CGAUAGUG	4056	CACTATCG GGCTAGCTACAACGA TTATGTAT	21176
5107	GCGCGAUA G UGCAGGGU	4057	ACCCTGCA GGCTAGCTACAACGA TATCGCGC	21177
5109	GCGAUAGU G CAGGGUGA	4058	TCACCCTG GGCTAGCTACAACGA ACTATCGC	21178
5114	AGUGCAGG G UGAAAGGA	4059	TCCTTTCA GGCTAGCTACAACGA CCTGCACT	21179
5130	AUGGAUGA G CCAAUCCC	4060	GGGATTGG GGCTAGCTACAACGA TCATCCAT	21180
5140	CAAUCCCA G CCGGAUUC	4061	GAATCCGG GGCTAGCTACAACGA TGGGATTG	21181
5160	CCUGAGAU G CUGAGGAA	4062	TTCCTCAG GGCTAGCTACAACGA ATCTCAGG	21182
5182	AGAUCACU G UACUGGAU	4063	ATCCAGTA GGCTAGCTACAACGA AGTGATCT	21183
5201	CCAUCCCG G CGCCGGUA	4064	TACCGGCG GGCTAGCTACAACGA CGGGATGG	21184
5203	AUCCOGGC G CCGGUAAA	4065	TTTACCGG GGCTAGCTACAACGA GCCGGGAT	21186
5207	CGGCGCCG G UAAAACAA	4066	TTGTTTTA GGCTAGCTACAACGA CGGCGCCG	21187
5226 5245	AGGAUUCU G CCACAGAU	4067	ATCTGTGG GGCTAGCTACAACGA AGAATCCT	21188
5269	UCAAAGAG G CCAUAAAC	4068	GTTTATGG GGCTAGCTACAACGA CTCTTTGA	21189
5272	UGAGAACA G CCGUGCUA	4069	TAGCACGG GGCTAGCTACAACGA TGTTCTCA	21190
5274	GAACAGCC G UGCUAGCA	4070	TGCTAGCA GGCTAGCTACAACGA GGCTGTTC	21191
5278	ACAGCCGU G CUAGCACC	4071	GGTGCTAG GGCTAGCTACAACGA ACGGCTGT	21192
5290	CCGUGCUA G CACCAACC CAACCAGG G UUGUGGCU	4072	GGTTGGTG GGCTAGCTACAACGA TAGCACGG	21193
5293	CCAGGGUU G UGGCUGCU	4073	AGCCACAA GGCTAGCTACAACGA CCTGGTTG	21194
5296	GGGUUGUG G CUGCUGAG	4074	AGCAGCCA GGCTAGCTACAACGA AACCCTGG	21195
5299	UUGUGGCU G CUGAGAUG	4075	CTCAGCAG GGCTAGCTACAACGA CACAACCC	21196
5308	CUGAGAUG G CUGAGCA	4076	CATCTCAG GGCTAGCTACAACGA AGCCACAA	21197
	- COGRAGCA	4077	TGCTTCAG GGCTAGCTACAACGA CATCTCAG	21198

		T	able VI	
5314	UGGCUGAA G CACUGAGA	4078	TCTCAGTG GGCTAGCTACAACGA TTCAGCCA	21199
5328	AGAGGACU G CCCAUCCG	4079	CGGATGGG GGCTAGCTACAACGA AGTCCTCT	21200
5337	CCCAUCCG G UACCAGAC	4080	GTCTGGTA GGCTAGCTACAACGA CGGATGGG	21201
5350	AGACAUCC G CAGUGCCC	4081	GGGCACTG GGCTAGCTACAACGA GGATGTCT	21202
5353	CAUCCGCA G UGCCCAGA	4082	TCTGGGCA GGCTAGCTACAACGA TGCGGATG	21203
5355	UCCGCAGU G CCCAGAGA	4083	TCTCTGGG GGCTAGCTACAACGA ACTGCGGA	21204
5383	AUGAGAUU G UUGAUGUC	4084	GACATCAA GGCTAGCTACAACGA AATCTCAT	21205
5389	UUGUUGAU G UCAUGUGU	4085	ACACATGA GGCTAGCTACAACGA ATCAACAA	21206
5394	GAUGUCAU G UGUCAUGC	4086	GCATGACA GGCTAGCTACAACGA ATGACATC	21207
5396	UGUCAUGU G UCAUGCUA	4087	TAGCATGA GGCTAGCTACAACGA ACATGACA	21208
5401	UGUGUCAU G CUACCCUC	4088	GAGGGTAG GGCTAGCTACAACGA ATGACACA	21209
5418	ACCCACAG G CUGAUGUC	4089	GACATCAG GGCTAGCTACAACGA CTGTGGGT	21210
5424	AGGCUGAU G UCUCCUCA	4090	TGAGGAGA GGCTAGCTACAACGA ATCAGCCT	21211
5437	CUCACAGG G UGCCGAAC	4091	GTTCGGCA GGCTAGCTACAACGA CCTGTGAG	21212
5439	CACAGGGU G CCGAACUA	4092	TAGTTCGG GGCTAGCTACAACGA ACCCTGTG	21213
5454	UACAACCU G UUCGUGAU	4093	ATCACGAA GGCTAGCTACAACGA AGGTTGTA	21214
5458	ACCUGUUC G UGAUGGAU	4094	ATCCATCA GGCTAGCTACAACGA GAACAGGT	21215
5470	UGGAUGAG G CUCAUUUC	4095	GAAATGAG GGCTAGCTACAACGA CTCATCCA	21216
5488	CCGACCCA G CUAGCAUU	4096	AATGCTAG GGCTAGCTACAACGA TGGGTCGG	21217
5492	CCCAGCUA G CAUUGCAG	4097	CTGCAATG GGCTAGCTACAACGA TAGCTGGG	21218
5497	CUAGCAUU G CAGCAAGA	4098	TCTTGCTG GGCTAGCTACAACGA AATGCTAG	21219
5500	GCAUUGCA G CAAGAGGU	4099	ACCTCTTG GGCTAGCTACAACGA TGCAATGC	21220
5507	AGCAAGAG G UUACAUUU	4100	AAATGTAA GGCTAGCTACAACGA CTCTTGCT	21221
5524	CCACAAAG G UCGAGCUA	4101	TAGCTCGA GGCTAGCTACAACGA CTTTGTGG	21222
5529	AAGGUCGA G CUAGGGGA	4102	TCCCCTAG GGCTAGCTACAACGA TCGACCTT	21223
5539	UAGGGGAG G CGGCGGCA	4103	TGCCGCCG GGCTAGCTACAACGA CTCCCCTA	21224
5542	GGGAGGCG G CGGCAAUA	4104	TATTGCCG GGCTAGCTACAACGA CGCCTCCC	21225
5545	AGGCGGCG G CAAUAUUC	4105	GAATATTG GGCTAGCTACAACGA CGCCGCCT	21226
5560	UCAUGACA G CCACCCCA	4106	TGGGGTGG GGCTAGCTACAACGA TGTCATGA	21227
5573	CCCACCAG G CACUUCAG	4107	CTGAAGTG GGCTAGCTACAACGA CTGGTGGG	21228
5595	UUCCCAGA G UCCAAUUC	4108	GAATTGGA GGCTAGCTACAACGA TCTGGGAA	21229
5641	CGGAUCGA G CUUGGAAC	4109	GTTCCAAG GGCTAGCTACAACGA TCGATCCG	21230
5689	GGAAGACG G UUUGGUUU	4110	AAACCAAA GGCTAGCTACAACGA CGTCTTCC	21231
5694	ACGGUUUG G UUUGUGCC	4111	GGCACAAA GGCTAGCTACAACGA CAAACCGT	21232
5698	UUUGGUUU G UGCCUAGU	4112	ACTAGGCA GGCTAGCTACAACGA AAACCAAA	21233
5700	UGGUUUGU G CCUAGUGU	4113	ACACTAGG GGCTAGCTACAACGA ACAAACCA	21234
5705	UGUGCCUA G UGUCAAGA	4114	TCTTGACA GGCTAGCTACAACGA TAGGCACA	21235
5707	UGCCUAGU G UCAAGAUG	4115	CATCTTGA GGCTAGCTACAACGA ACTAGGCA	21236
5728	AUGAGAUU G CCCUUUGC	4116	GCAAAGGG GGCTAGCTACAACGA AATCTCAT	21237
5735	UGCCCUUU G CCUACAAC	4117	GTTGTAGG GGCTAGCTACAACGA AAAGGGCA	21238
5744	CCUACAAC G UGCUGGAA	4118	TTCCAGCA GGCTAGCTACAACGA GTTGTAGG	21239
5746	UACAACGU G CUGGAAAG	4119	CTTTCCAG GGCTAGCTACAACGA ACGTTGTA	21240
5758	GAAAGAAA G UAGUCCAA	4120	TTGGACTA GGCTAGCTACAACGA TTTCTTTC	21241
5761	AGAAAGUA G UCCAAUUG	4121	CAATTGGA GGCTAGCTACAACGA TACTTTCT	21242
5778	AACAGAAA G UCGUACGA	4122	TCGTACGA GGCTAGCTACAACGA TTTCTGTT	21243
5781	AGAAAGUC G UACGAGAC	4123	GTCTCGTA GGCTAGCTACAACGA GACTTTCT	21244
5793	GAGACGGA G UACCCAAA	4124	TTTGGGTA GGCTAGCTACAACGA TCCGTCTC	21245
5804	CCCAAAAU G UAAGAACG	4125	CGTTCTTA GGCTAGCTACAACGA ATTTTGGG	21246
5827	GGGACUUU G UUAUCACA	4126	TGTGATAA GGCTAGCTACAACGA AAAGTCCC	21247
5857	AAAUGGGG G CUAACUUC	4127	GAAGTTAG GGCTAGCTACAACGA CCCCATTT	21248
5869	ACUUCAAG G CGAGCAGG	4128	CCTGCTCG GGCTAGCTACAACGA CTTGAAGT	21249
5873	CAAGGCGA G CAGGGUGA	4129	TCACCCTG GGCTAGCTACAACGA TCGCCTTG	21250
5878	CGAGCAGG G UGAUUGAC	4130	GTCAATCA GGCTAGCTACAACGA CCTGCTCG	21251
5888	GAUUGACA G CCGGAAGA	4131	TCTTCCGG GGCTAGCTACAACGA TGTCAATC	21252
5897	CCGGAAGA G UGUGAAAC	4132	GTTTCACA GGCTAGCTACAACGA TCTTCCGG	21253
5899	GGAAGAGU G UGAAACCA	4133	TGGTTTCA GGCTAGCTACAACGA ACTCTTCC	21254
5935	AAGGGAGA G UGAUCCUG	4134	CAGGATCA GGCTAGCTACAACGA TCTCCCTT	21255
5956	AACCAUCU G CAGUGACA	4135	TGTCACTG GGCTAGCTACAACGA AGATGGTT	21256
5959	CAUCUGCA G UGACAGCA	4136	TGCTGTCA GGCTAGCTACAACGA TGCAGATG	21257
5965	CAGUGACA G CAGCUAGU	4137	ACTAGCTG GGCTAGCTACAACGA TGTCACTG	21258
5968	UGACAGCA G CUAGUGCC	4138	GGCACTAG GGCTAGCTACAACGA TGCTGTCA	21259
5972	AGCAGCUA G UGCCGCCC	4139	GGGCGCA GGCTAGCTACAACGA TAGCTGCT	21260

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		7	Table VI	
5974	CAGCUAGU G CCGCCCAG	4140	CTGGGCGG GGCTAGCTACAACGA ACTAGCTG	21261
5977		4141	TCTCTGGG GGCTAGCTACAACGA GGCACTAG	21262
5987		4142	TACGTCCA GGCTAGCTACAACGA GTCTCTGG	21263
5993		4143	TACCGATA GGCTAGCTACAACGA GTCCACGT	21264
5999		4144	GATTTCTA GGCTAGCTACAACGA CGATACGT	21265
6009		4145	ACTTGCGA GGCTAGCTACAACGA GGATTTCT	21266
6012		4146	CCAACTTG GGCTAGCTACAACGA GACGGATT	21267
6016		4147	ATCACCAA GGCTAGCTACAACGA TTGCGACG	21268
6020	GCAAGUUG G UGAUGAGU	4148	ACTCATCA GGCTAGCTACAACGA CAACTTGC	21269
6027		4149	TAACAGTA GGCTAGCTACAACGA TCATCACC	21270
6032	UGAGUACU G UUAUGGGG	4150	CCCCATAA GGCTAGCTACAACGA AGTACTCA	21271
6042	UAUGGGG G CACACGAA	4151	TTCGTGTG GGCTAGCTACAACGA CCCCCATA	21272
6070	CGAACUUC G CCCAUUGG	4152	CCAATGGG GGCTAGCTACAACGA GAAGTTCG	21273
6085	GGACUGAG G CACGAAUC	4153	GATTCGTG GGCTAGCTACAACGA CTCAGTCC	21274
6096	CGAAUCAU G CUGGACAA	4154	TTGTCCAG GGCTAGCTACAACGA ATGATTCG	21275
6114	AUCAACAU G CCAAACGG	4155	CCGTTTGG GGCTAGCTACAACGA ATGTTGAT	21276
6130	GACUGAUC G CUCAAUUC	4156	GAATTGAG GGCTAGCTACAACGA GATCAGTC	21277
6152	CAACCAGA G CGUGAGAA	4157	TTCTCACG GGCTAGCTACAACGA TCTGGTTG	21278
6160	ACCAGAGC G UGAGAAGG	4158	CCTTCTCA GGCTAGCTACAACGA GCTCTGGT	21279
6186	GUGAGAAG G UAUAUACC GAAUACCG G CUCAGAGG	4159	GGTATATA GGCTAGCTACAACGA CTTCTCAC	21280
6222	CUGGAACU G UUGAGGAC	4160	CCTCTGAG GGCTAGCTACAACGA CGGTATTC	21281
6232	<del> </del>	4161	GTCCTCAA GGCTAGCTACAACGA AGTTCCAG	21282
6240	UGAGGACU G CAGAUCUG GCAGAUCU G CCAGUUUG	4162	CAGATCTG GGCTAGCTACAACGA AGTCCTCA	21283
6244	AUCUGCCA G UUUGGCUG	4163	CAAACTGG GGCTAGCTACAACGA AGATCTGC	21284
6249	CCAGUUUG G CUGGCUUA	4164	CAGCCAAA GGCTAGCTACAACGA TGGCAGAT	21285
6253	UUUGGCUG G CUUACAAG	4165	TAAGCCAG GGCTAGCTACAACGA CAAACTGG	21286
6262	CUUACAAG G UUGCAGCG	4167	CTTGTAAG GGCTAGCTACAACGA CAGCCAAA	21287
6265	ACAAGGUU G CAGCGGCU	4168	CGCTGCAA GGCTACCTACAACGA CTTGTAAG	21288
6268	AGGUUGCA G CGGCUGGA	4169	AGCCGCTG GGCTAGCTACAACGA AACCTTGT	21289
6271	UUGCAGCG G CUGGAGUG	4170	TCCAGCCG GGCTAGCTACAACGA TGCAACCT	21290
6277	CGGCUGGA G UGUCAUAC	4171	CACTCCAG GGCTAGCTACAACGA CGCTGCAA GTATGACA GGCTAGCTACAACGA TCCAGCCG	21291
6279	GCUGGAGU G UCAUACCA	4172	TGGTATGA GGCTAGCTACAACGA TCCAGCCG	21292
6297	GACCGGAG G UGGUGCUU	4173	AAGCACCA GGCTAGCTACAACGA CTCCAGC	21293
6300	CGGAGGUG G UGCUUUGA	4174	TCAAAGCA GGCTAGCTACAACGA CACCTCCG	21294
6302	GAGGUGGU G CUUUGAUG	4175	CATCAAAG GGCTAGCTACAACGA ACCACCTC	21295
6311	CUUUGAUG G UCCUAGGA	4176	TCCTAGGA GGCTAGCTACAACGA CATCAAAG	21296
6349	ACAACGAA G UGGAAGUC	4177	GACTTCCA GGCTAGCTACAACGA TTCGTTGT	21297
6355	AAGUGGAA G UCAUCACG	4178	CGTGATGA GGCTAGCTACAACGA TTCCACTT	21299
6366	AUCACGAA G CUUGGUGA	4179	TCACCAAG GGCTAGCTACAACGA TTCGTGAT	21300
6371	GAAGCUUG G UGAAAGGA	4180	TCCTTTCA GGCTAGCTACAACGA CAAGCTTC	21301
6390	AUUCUGAG G CCGCGCUG	4181	CAGCGCGG GGCTAGCTACAACGA CTCAGAAT	21302
6393	CUGAGGCC G CGCUGGAU	4182	ATCCAGCG GGCTAGCTACAACGA GGCCTCAG	21303
6395	GAGGCCGC G CUGGAUUG	4183	CAATCCAG GGCTAGCTACAACGA GCGGCCTC	21304
6406	GGAUUGAC G CCAGGGUG	4184	CACCCTGG GGCTAGCTACAACGA GTCAATCC	21305
6412	ACGCCAGG G UGUACUCG	4185	CGAGTACA GGCTAGCTACAACGA CCTGGCGT	21306
6414	GCCAGGGU G UACUCGGA	4186	TCCGAGTA GGCTAGCTACAACGA ACCCTGGC	21307
6430	AUCACCAG G CACUAAAG	4187	CTTTAGTG GGCTAGCTACAACGA CTGGTGAT	21308
6439	CACUAAAG G CGUUCAAG	4188	CTTGAACG GGCTAGCTACAACGA CTTTAGTG	21309
6441	CUAAAGGC G UUCAAGGA	4189	TCCTTGAA GGCTAGCTACAACGA GCCTTTAG	21310
6454	AGGACUUC G CCUCGGGA	4190	TCCCGAGG GGCTAGCTACAACGA GAAGTCCT	21311
6467	GGGAAAAC G UUCUCAGA	4191	TCTGAGAA GGCTAGCTACAACGA GTTTTCCC	21312
6480	CAGAUAGG G CUCAUUGA	4192	TCAATGAG GGCTAGCTACAACGA CCTATCTG	21313
6490	UCAUUGAG G UUCUGGGA	4193	TCCCAGAA GGCTAGCTACAACGA CTCAATGA	21314
6504	GGAAAGAU G CCUGAGCA	4194	TGCTCAGG GGCTAGCTACAACGA ATCTTTCC	21315
6510	AUGCCUGA G CACUUCAU	4195	ATGAAGTG GGCTAGCTACAACGA TCAGGCAT	21316
6535 6549	CAUGGGAA G CACUUGAC	4196	GTCAAGTG GGCTAGCTACAACGA TTCCCATG	21317
6553	GACACCAU G UACGUUGU CCAUGUAC G UUGUGGCC	4197	ACAACGTA GGCTAGCTACAACGA ATGGTGTC	21318
6556	UGUACGUU G UGGCCACU	4198	GGCCACAA GGCTAGCTACAACGA GTACATGG	21319
6559	ACGUUGUG G CCACUGCA	4199	AGTGGCCA GGCTAGCTACAACGA AACGTACA	21320
6565	UGGCCACU G CAGAGAAA	4200	TGCAGTGG GGCTAGCTACAACGA CACAACGT	21321
	THE STATE OF THE S	4201	TTTCTCTG GGCTAGCTACAACGA AGTGGCCA	21322

Table VI	PCT/US01/48350
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6583 GAGGAAGA G CUCACAGA 4202 TCTGTGAG GGCTAGCTACAACGA TCTTCC 6595 ACAGAAUG G CCCUGGAG 4203 CTCCAGGG GGCTAGCTACAACGA CATTCC 6609 GAGGAACU G CCAGAUGC 4204 GCATCTGG GGCTAGCTACAACGA AGTTCC 6616 UGCCAGAU G CUCUUCAG 4205 CTGAAGAG GGCTAGCTACAACGA ATCTGG 6631 AGACAAUU G CCUUGAUU 4206 AATCAAGG GGCTAGCTACAACGA AATCTG 6640 CCUUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT 6684 CUCCUCAU G CAGCGGAA 4211 TTCCGCTG GGCTAGCTACAACGA ATGAGG	TGT 21324 CTC 21325 GCA 21326
6595 ACAGANG G CCCUGAG 4203 CTCCAGGG GGCTAGCTACAACGA CATTCC 6609 GAGGAACU G CCAGAUGC 4204 GCATCTGG GGCTAGCTACAACGA AGTTCC 6616 UGCCAGAU G CUCUUCAG 4205 CTGAAGAG GGCTAGCTACAACGA ATCTGC 6631 AGACAAUU G CCUUGAUU 4206 AATCAAGG GGCTAGCTACAACGA AATTGT 6640 CCCUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	TGT 21324 CTC 21325 GCA 21326
6609 GAGGAACU G CCAGAUGC 4204 GCATCTGG GGCTAGCTACAACGA AGTTCC 6616 UGCCAGAU G CUCUUCAG 4205 CTGAAGAG GGCTAGCTACAACGA ATCTGC 6631 AGACAAUU G CCUUGAUU 4206 AATCAAGG GGCTAGCTACAACGA AATTGT 6640 CCUUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	CTC 21325 3CA 21326
6616 UGCCAGAU G CUCUUCAG 4205 CTGAAGAG GGCTAGCTACAACGA ATCTGC 6631 AGACAAUU G CCUUGAUU 4206 AATCAAGG GGCTAGCTACAACGA AATTGT 6640 CCUUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	GCA 21326
6631 AGACAAUU G CCUUGAUU 4206 AATCAAGG GGCTAGCTACAACGA AATTGT 6640 CCUUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	
6640 CCUUGAUU G CCUUAUUG 4207 CAATAAGG GGCTAGCTACAACGA AATCAA 6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	ICI   21327
6650 CUUAUUGA G UGUGAUGA 4208 TCATCACA GGCTAGCTACAACGA TCAATA 6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA ACTCAA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	
6652 UAUUGAGU G UGAUGACC 4209 GGTCATCA GGCTAGCTACAACGA TCAATA 6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	
6667 CCAUGGGA G UAUUCUUC 4210 GAAGAATA GGCTAGCTACAACGA TCCCAT	
GAAGAATA GGCTACAACGA TCCCAT	
1 0004   CUCCUCAL G CAGCGGAA   4711   TITOCCOTO COOTACOTACOTACOTACOTACOTACOTACOTACOTACOT	
COOR STANDARD AND AND AND AND AND AND AND AND AND AN	
6687 CUCAUGCA G CGGAAGGG 4212 CCCTTCCG GGCTAGCTACAACGA TGCATC	
6695 GCGGAAGG G CAUUGGAA 4213 TTCCAATG GGCTAGCTACAACGA CCTTCC	CGC 21334
6710 AAAGAUAG G UUUGGGAG 4214 CTCCCAAA GGCTAGCTACAACGA CTATCI	TTT 21335
6719 UUUGGGAG G CGCUGUCU 4215 AGACAGCG GGCTAGCTACAACGA CTCCCA	AAA 21336
6721 UGGGAGGC G CUGUCUUG 4216 CAAGACAG GGCTAGCTACAACGA GCCTCC	
6724 GAGGCGCU G UCUUGGGA 4217 TCCCAAGA GGCTAGCTACAACGA AGCGCC	
6733 UCUUGGGA G UCGCGACC 4218 GGTCGCGA GGCTAGCTACAACGA TCCCAA	
6736 UGGGAGUC G CGACCUUU 4219 AAAGGTCG GGCTAGCTACAACGA GACTCO	
6749 CUUUUUCU G UUGGAUGG 4220 CCATCCAA GGCTAGCTACAACGA AGAAAA	
6757 GUUGGAUG G CUGAAGUU 4221 AACTTCAG GGCTAGCTACAACGA CATCCA	
CTC2 VICECTACHACHACHACHACHACHACHACHACHACHACHACHACHA	
COOL CONTROL OF THE C	
COOC CONTRACTOR CATCLE	
AGCAGCAM GGCTAGCTACAACGA ATTCCG	
GACAGCAG GGCTACCAACGA AACATT	
AGGAGAG GGCTAGCTACAACGA AGCAAC	
AATTAGCA GGCTAGCTACAACGA AATCAT	
GGAATTAG GGCTAGCTACAACGA ACAATC	
6831 AUUCCUGA G CCAGAGAA 4229 TTCTCTGG GGCTAGCTACAACGA TCAGGA	
6840 CCAGAGAA G CAACGUUC 4230 GAACGTTG GGCTAGCTACAACGA TTCTCT	GG 21351
6845 GAAGCAAC G UUCGCAGA 4231 TCTGCGAA GGCTAGCTACAACGA GTTGCT	TC 21352
6849 CAACGUUC G CAGACAGA 4232 TCTGTCTG GGCTAGCTACAACGA GAACGT	
6864 GACAACCA G CUAGCCGU 4233 ACGGCTAG GGCTAGCTACAACGA TGGTTG	
6868 ACCAGCUA G CCGUGUUC 4234 GAACACGG GGCTAGCTACAACGA TAGCTG	
6871 AGCUAGCC G UGUUCCUG 4235 CAGGAACA GGCTAGCTACAACGA GGCTAGC	
6873 CUAGCCGU G UUCCUGAU 4236 ATCAGGAA GGCTAGCTACAACGA ACGGCTA	
6884 CCUGAUUU G UGUCAUGA 4237 TCATGACA GGCTAGCTACAACGA AAATCAC	
6886 UGAUUUGU G UCAUGACC 4238 GGTCATGA GGCTAGCTACAACGA ACAAATC	
6898 UGACCCUU G UGAGCGCA 4239 TGCGCTCA GGCTAGCTACAACGA AAGGGTC	
6902 CCUUGUGA G CGCAGUGG 4240 CCACTGCG GGCTAGCTACAACGA TCACAAC	
6904 UUGUGAGC G CAGUGGCA 4241 TGCCACTG GGCTAGCTACAACGA GCTCACA	
6907 UGAGCGCA G UGGCAGCC 4242 GGCTGCCA GGCTAGCTACAACGA TGCGCTC	
6910 GCGCAGUG G CAGCCAAC 4243 GTTGGCTG GGCTAGCTACAACGA TGCGCTC	
6913 CAGUGGCA G CCAACGAG 4244 CTCGTTGG GGCTAGCTACAACGA CACTGCC	
COOK SOCIAGEIACAACGA IGCCACI	
CIAGCAA GGCTAGCTACAACGA CCATCTC	
TATCTAG GGCTAGCTACAACGA CAACCCA	AT 21367
COST CONTROL C	TC 21368
COTO TOTAL TIMESTON	ZA 21369
COCC COCCINCIACION IGCITAL	rG 21370
COCC CONTROL AND CIGO	T 21371
ATTCTTTG GGCTAGCTACAACGA CCAAACA	A 21372
CICCITGA GGCTACAACGA CTCAATT	°C 21373
GAADUUCA G CAUGGGAG 4253 CTCCCATG GGCTAGCTACAACGA TGAAATT	C 21374
AUGGGAGA G UUUCUUUU 4254 AAAAGAAA GGCTAGCTACAACGA TCTCCCA	T 21375
7026 GACUUGAG G CCGGCAAC 4255 GTTGCCGG GGCTAGCTACAACGA CTCAAGT	C 21376
7030 UGAGGCCG G CAACAGCC 4256 GGCTGTTG GGCTAGCTACAACGA CCCCCTC	A 21377
7036 CGGCAACA G CCUGGUCA 4257 TGACCAGG GGCTAGCTACAACGA TGTTGCC	G 21378
7041 ACAGCCUG G UCACUGUA   4258   TACAGTGA GGCTAGCTACAACGA CAGGCTGC	
7047 UGGUCACU G UACGCUGU 4259 ACAGCGTA GGCTACCTACAACGA AGTGACC	
7051 CACUGUAC G CUGUGACA 4260 TGTCACAG GGCTAGCTACAACGA GTACAGT	
7054 UGUACGCU G UGACAACA 4261 TGTTGTCA GGCTAGCTACAACGA AGCGTAC	
2062 COLLACTACION AGGGTAC	
7055 GGCTAGCTACAACGA TGTTGTC	
7066 CAACAGCG G UCCUCACU 4263 AGTGAGGA GGCTAGCTACAACGA CGCTGTTX	G 21384

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		1	able VI	
7080	ACUCCACU G CUAAAGCA	4264	TGCTTTAG GGCTAGCTACAACGA AGTGGAGT	21385
7086	CUGCUAAA G CAUUUGAU	4265	ATCAAATG GGCTAGCTACAACGA TTTAGCAG	21386
7098	UUGAUCAC G UCAGAUUA	4266	TAATCTGA GGCTAGCTACAACGA GTGATCAA	21387
7135	CAAUAAAC G UUCAGGCA	4267	TGCCTGAA GGCTAGCTACAACGA GTTTATTG	21388
7141	ACGUUCAG G CAAGUGCA	4268	TGCACTTG GGCTAGCTACAACGA CTGAACGT	21389
7145	UCAGGCAA G UGCACUAU	4269	ATAGTGCA GGCTAGCTACAACGA TTGCCTGA	21390
7147	AGGCAAGU G CACUAUUC	4270	GAATAGTG GGCTAGCTACAACGA ACTTGCCT	21391
7162	UCACACUC G CGCGAGGC	4271	GCCTCGCG GGCTAGCTACAACGA GAGTGTGA	21392
7164	ACACUCGC G CGAGGCUU	4272	AAGCCTCG GGCTAGCTACAACGA GCGAGTGT	21393
7169	CGCGCGAG G CUUCCCCU	4273	AGGGGAAG GGCTAGCTACAACGA CTCGCGCG	21394
7180	UCCCCUUC G UCGAUGUU	4274	AACATCGA GGCTAGCTACAACGA GAAGGGGA	21395
7186	UCGUCGAU G UUGGAGUG	4275	CACTCCAA GGCTAGCTACAACGA ATCGACGA	21396
7192	AUGUUGGA G UGUCGGCU	4276	AGCCGACA GGCTAGCTACAACGA TCCAACAT	21397
7194	GUUGGAGU G UCGGCUCU	4277	AGAGCCGA GGCTAGCTACAACGA ACTCCAAC	21398
7198	GAGUGUCG G CUCUCCUG	4278	CAGGAGAG GGCTAGCTACAACGA CGACACTC	21399
7206	GCUCUCCU G CUAGCAGC	4279	GCTGCTAG GGCTAGCTACAACGA AGGAGAGC	21400
7210	UCCUGCUA G CAGCCGGA	4280	TCCGGCTG GGCTAGCTACAACGA TAGCAGGA	21401
7213	UGCUAGCA G CCGGAUGC	4281	GCATCCGG GGCTAGCTACAACGA TGCTAGCA	21402
7220	AGCCGGAU G CUGGGGAC	4282	GTCCCCAG GGCTAGCTACAACGA ATCCGGCT	21403
7231	GGGGACAA G UCACCCUC	4283	GAGGGTGA GGCTAGCTACAACGA TTGTCCCC	21404
7243	CCCUCACC G UUACGGUA	4284	TACCGTAA GGCTAGCTACAACGA GGTGAGGG	21405
7249	CCGUUACG G UAACAGCG	4285	CGCTGTTA GGCTAGCTACAACGA CGTAACGG	21406
7255	CGGUAACA G CGGCAACA	4286	TGTTGCCG GGCTAGCTACAACGA TGTTACCG	21407
7258	UAACAGCG G CAACACUC	4287	GAGTGTTG GGCTAGCTACAACGA CGCTGTTA	21408
7274	CCUUUUUU G CCACUAUG	4288	CATAGTGG GGCTAGCTACAACGA AAAAAAGG	21409
7282	GCCACUAU G CCUACAUG	4289	CATGTAGG GGCTAGCTACAACGA ATAGTGGC	21410
7291	CCUACAUG G UUCCCGGU	4290	ACCGGGAA GGCTAGCTACAACGA CATGTAGG	21411
7298	GGUUCCCG G UUGGCAAG	4291	CTTGCCAA GGCTAGCTACAACGA CGGGAACC	21412
7302	CCCGGUUG G CAAGCUGA	4292	TCAGCTTG GGCTAGCTACAACGA CAACCGGG	21413
7306	GUUGGCAA G CUGAGGCA	4293	TGCCTCAG GGCTAGCTACAACGA TTGCCAAC	21414
7312	AAGCUGAG G CAAUGCGC	4294	GCGCATTG GGCTAGCTACAACGA CTCAGCTT	21415
7317	GAGGCAAU G CGCUCAGC	4295	GCTGAGCG GGCTAGCTACAACGA ATTGCCTC	21416
7319	GGCAAUGC G CUCAGCCC	4296	GGGCTGAG GGCTAGCTACAACGA GCATTGCC	21417
7324	UGCGCUCA G CCCAGCGG	4297	CCGCTGGG GGCTAGCTACAACGA TGAGCGCA	21418
7329	UCAGCCCA G CGGCGGAC	4298	GTCCGCCG GGCTAGCTACAACGA TGGGCTGA	21419
7332	GCCCAGCG G CGGACAGC	4299	GCTGTCCG GGCTAGCTACAACGA CGCTGGGC	21420
7339	GGCGGACA G CGGCCGGA	4300	TCCGGCCG GGCTAGCTACAACGA TGTCCGCC	21421
7342	GGACAGCG G CCGGAAUC	4301	GATTCCGG GGCTAGCTACAACGA CGCTGTCC	21422
7360	UGAAGAAC G CUGUAGUG	4302	CACTACAG GGCTAGCTACAACGA GTTCTTCA	21423
7363	AGAACGCU G UAGUGGAU	4303	ATCCACTA GGCTAGCTACAACGA AGCGTTCT	21424
7366	ACGCUGUA G UGGAUGGC	4304	GCCATCCA GGCTAGCTACAACGA TACAGCGT	21425
7373	AGUGGAUG G CAUCGUGG	4305	CCACGATG GGCTAGCTACAACGA CATCCACT	21426
7378	AUGGCAUC G UGGCCACG	4306	CGTGGCCA GGCTAGCTACAACGA GATGCCAT	21427
7381	GCAUCGUG G CCACGGAC	4307	GTCCGTGG GGCTAGCTACAACGA CACGATGC	21428
7390	CCACGGAC G UCCCAGAA	4308	TTCTGGGA GGCTAGCTACAACGA GTCCGTGG	21429
7404	GAAUUAGA G CGCACCAC	4309	GTGGTGCG GGCTAGCTACAACGA TCTAATTC	21430
7406	AUUAGAGC G CACCACAC	4310	GTGTGGTG GGCTAGCTACAACGA GCTCTAAT	21431
7422	CCCAUCAU G CAGAAGAA	4311	TTCTTCTG GGCTAGCTACAACGA ATGATGGG	21432
7432	AGAAGAAA G UUGGACAG	4312	CTGTCCAA GGCTAGCTACAACGA TTTCTTCT	21433
7446	CAGAUCAU G CUGAUCUU	4313	AAGATCAG GGCTAGCTACAACGA ATGATCTG	21434
7456	UGAUCUUG G UGUCUCUA	4314	TAGAGACA GGCTAGCTACAACGA CAAGATCA	21435
7458	AUCUUGGU G UCUCUAGC	4315	GCTAGAGA GGCTAGCTACAACGA ACCAAGAT	21436
7465	UGUCUCUA G CUGCAGUA	4316	TACTGCAG GGCTAGCTACAACGA TAGAGACA	21437
7468	CUCUAGCU G CAGUAGUA	4317	TACTACTG GGCTAGCTACAACGA AGCTAGAG	21438
7471	UAGCUGCA G UAGUAGUG	4318	CACTACTA GGCTAGCTACAACGA TGCAGCTA	21439
7474	CUGCAGUA G UAGUGAAC	4319	GTTCACTA GGCTAGCTACAACGA TACTGCAG	21440
7477	CAGUAGUA G UGAACCCG	4320	CGGGTTCA GGCTAGCTACAACGA TACTACTG	21441
7485	GUGAACCC G UCUGUGAA	4321	TTCACAGA GGCTAGCTACAACGA GGGTTCAC	21442
7489	ACCCGUCU G UGAAGACA	4322	TGTCTTCA GGCTAGCTACAACGA AGACGGGT	21443
7498	UGAAGACA G UACGAGAA	4323	TTCTCGTA GGCTAGCTACAACGA TGTCTTCA	21444
7507	UACGAGAA G CCGGAAUU	4324	AATTCCGG GGCTAGCTACAACGA TTCTCGTA	21445
7525	UGAUCACG G CCGCAGCG	4325	CGCTGCGG GGCTAGCTACAACGA CGTGATCA	21446

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Table VI

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7528	UCACGGCC G CAGCGGUG	4326	CACCGCTG GGCTAGCTACAACGA GGCCGTGA	21447
7531	CGGCCGCA G CGGUGACG	4327	CGTCACCG GGCTAGCTACAACGA TGCGGCCG	21448
7534	CCGCAGCG G UGACGCUU	4328	AAGCGTCA GGCTAGCTACAACGA CGCTGCGG	21449
7539	GCGGUGAC G CUUUGGGA	4329	TCCCAAAG GGCTAGCTACAACGA GTCACCGC	21450
7555	AGAAUGGA G CAAGCUCU	4330	AGAGCTTG GGCTAGCTACAACGA TCCATTCT	21451
7559	UGGAGCAA G CUCUGUUU	4331	AAACAGAG GGCTAGCTACAACGA TTGCTCCA	21452
7564	CAAGCUCU G UUUGGAAC	4332	GTTCCAAA GGCTAGCTACAACGA AGAGCTTG	21453
7573	UUUGGAAC G CAACAACU	4333	AGTTGTTG GGCTAGCTACAACGA GTTCCAAA	21454
7582	CAACAACU G CCAUCGGA	4334	TCCGATGG GGCTAGCTACAACGA AGTTGTTG	21455
7595	CGGACUCU G CCACAUCA	4335	TGATGTGG GGCTAGCTACAACGA AGAGTCCG	21456
7605	CACAUCAU G CGUGGGGG	4336	CCCCCACG GGCTAGCTACAACGA ATGATGTG	21457
		4337	AACCCCCA GGCTAGCTACAACGA GCATGATG	
7607	CAUCAUGC G UGGGGGUU GCGUGGGG G UUGGUUGU		ACCCCCA GGCTAGCTACAACGA GCATGATG  ACAACCAA GGCTAGCTACAACGA CCCCACGC	21458
7613		4338		21459
7617	GGGGGUUG G UUGUCAUG	4339	CATGACAA GGCTAGCTACAACGA CAACCCCC	21460
7620	GGUUGGUU G UCAUGUCU	4340	AGACATGA GGCTAGCTACAACGA AACCAACC	21461
7625	GUUGUCAU G UCUAUCCA	4341	TGGATAGA GGCTAGCTACAACGA ATGACAAC	21462
7682	AAAAAGAG G UGGGGCAA	4342	TTGCCCCA GGCTAGCTACAACGA CTCTTTTT	21463
7687	GAGGUGGG G CAAAAGGA	4343	TCCTTTTG GGCTAGCTACAACGA CCCACCTC	21464
7697	AAAAGGAC G CACCUUGG	4344	CCAAGGTG GGCTAGCTACAACGA GTCCTTTT	21465
7711	UGGGAGAG G UUUGGAAA	4345	TTTCCAAA GGCTAGCTACAACGA CTCTCCCA	21466
7749	AAAGAAGA G UUCACUAG	4346	CTAGTGAA GGCTAGCTACAACGA TCTTCTTT	21467
7758	UUCACUAG G UACCGCAA	4347	TTGCGGTA GGCTAGCTACAACGA CTAGTGAA	21468
7763	UAGGUACC G CAAAGAGG	4348	CCTCTTG GGCTAGCTACAACGA GGTACCTA	21469
7771	GCAAAGAG G CCAUCAUC	4349	GATGATGG GGCTAGCTACAACGA CTCTTTGC	21470
7783	UCAUCGAA G UCGAUCGC	4350	GCGATCGA GGCTAGCTACAACGA TTCGATGA	21471
7790	AGUCGAUC G CUCAGCGG	4351	CCGCTGAG GGCTAGCTACAACGA GATCGACT	21472
7795	AUCGCUCA G CGGCAAAA	4352	TTTTGCCG GGCTAGCTACAACGA TGAGCGAT	21473
7798	GCUCAGCG G CAAAACAC	4353	GTGTTTTG GGCTAGCTACAACGA CGCTGAGC	21474
7807	CAAAACAC G CCAGGAAA	4354	TTTCCTGG GGCTAGCTACAACGA GTGTTTTG	21475
7820	GAAAGAAG G CAAUGUCA	4355	TGACATTG GGCTAGCTACAACGA CTTCTTTC	21476
7825	AAGGCAAU G UCACUGGA	4356	TCCAGTGA GGCTAGCTACAACGA ATTGCCTT	21477
7836	ACUGGAGG G CAUCCAGU	4357	ACTGGATG GGCTAGCTACAACGA CCTCCAGT	21478
7843	GGCAUCCA G UCUCUAGG	4358	CCTAGAGA GGCTAGCTACAACGA TGGATGCC	21479
7853	CUCUAGGG G CACAGCAA	4359	TTGCTGTG GGCTAGCTACAACGA CCCTAGAG	21480
7858	GGGGCACA G CAAAACUG	4360	CAGTTTTG GGCTAGCTACAACGA TGTGCCCC	21481
7872	CUGAGAUG G CUGGUCGA	4361	TCGACCAG GGCTAGCTACAACGA CATCTCAG	21482
7876	GAUGGCUG G UCGAACGG	4362	CCGTTCGA GGCTAGCTACAACGA CAGCCATC	21483
7887	GAACGGAG G UUUCUCGA	4363	TCGAGAAA GGCTAGCTACAACGA CTCCGTTC	21484
7900	UCGAACCG G UCGGAAAA	4364	TTTTCCGA GGCTAGCTACAACGA CGGTTCGA	21485
7909	UCGGAAAA G UGAUUGAC	4365	GTCAATCA GGCTAGCTACAACGA TTTTCCGA	21486
7925	CCUUGGAU G UGGAAGAG	4366	CTCTTCCA GGCTAGCTACAACGA ATCCAAGG	21487
7934	UGGAAGAG G CGGUUGGU	4367	ACCAACCG GGCTAGCTACAACGA CTCTTCCA	21488
7937	AAGAGGCG G UUGGUGUU	4368	AACACCAA GGCTAGCTACAACGA CGCCTCTT	21489
7941	GGCGGUUG G UGUUACUA	4369	TAGTAACA GGCTAGCTACAACGA CAACCGCC	21490
7943	CGGUUGGU G UUACUAUA	4370	TATAGTAA GGCTAGCTACAACGA ACCAACCG	21491
7954	ACUAUAUG G CAACCCAA	4371	TTGGGTTG GGCTAGCTACAACGA CATATAGT	21492
7969	AAAAAAGA G UCCAAGAA	4372	TTCTTGGA GGCTAGCTACAACGA TCTTTTTT	21493
7978	UCCAAGAA G UCAGAGGG	4373	CCCTCTGA GGCTAGCTACAACGA TTCTTGGA	21494
7986	GUCAGAGG G UACACAAA	4374	TTTGTGTA GGCTAGCTACAACGA CCTCTGAC	21495
7997	CACAAAGG G CGGUCCCG	4375	CGGGACCG GGCTAGCTACAACGA CCTTTGTG	21496
8000	AAAGGCG G UCCCGGAC	4376	GTCCGGGA GGCTAGCTACAACGA CGCCCTTT	21497
8016	CAUGAAGA G CCCCAACU	4377	AGTTGGGG GGCTAGCTACAACGA TCTTCATG	21497
8026	CCCAACUA G UGCAAAGU	4378	ACTITGCA GCTAGCTACAACGA TCTTCATG	
8028	CAACUAGU G CAAAGUUA	4379	TAACTTTG GGCTAGCTACAACGA TAGTTGGG	21499
8033	AGUGCAAA G UUAUGGAU			21500
8050	GGAACAUU G UCACCAUG	4380	ATCCATAA GGCTAGCTACAACGA TTTGCACT	21501
8063	CAUGAAGA G UGGAGUGG	4381	CATGGTGA GGCTAGCTACAACGA AATGTTCC	21502
8068	······································	4382	CCACTCCA GGCTAGCTACAACGA TCTTCATG	21503
8074	AGAGUGGA G UGGAUGUG GAGUGGAU G UGUUCUAC	4383	CACATCCA GGCTAGCTACAACGA TCCACTCT	21504
8076	GUGGAUGU G UUCUACAG	4384	GTAGAACA GGCTAGCTACAACGA ATCCACTC	21505
8076		4385	CTGTAGAA GGCTAGCTACAACGA ACATCCAC	21506
8094	CCUUCUGA G UGUUGUGA	4386	TCACAACA GGCTAGCTACAACGA TCAGAAGG	21507
6020	UUCUGAGU G UUGUGACA	4387	TGTCACAA GGCTAGCTACAACGA ACTCAGAA	21508

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8099	UGAGUGUU G UGACACCC	4388	GGGTGTCA GGCTAGCTACAACGA AACACTCA	_
8114	CCUCCUUU G UGACAUCG	4389	CGATGTCA GGCTAGCTACAACGA AAAGGAGG	_
8127	AUCGGAGA G UCCUCGUC	4390	CACCACCA COCTACCTACAACGA AAAGGAGG	
8133	GAGUCCUC G UCAAGUGC	4391	GACGAGGA GGCTAGCTACAACGA TCTCCGAT	
8138	CUCGUCAA G UGCUGAGG	4392	GCACTTGA GGCTAGCTACAACGA GAGGACTC	
8140	CGUCAAGU G CUGAGGUU		CCTCAGCA GGCTAGCTACAACGA TTGACGAG	_
8146		4393	AACCTCAG GGCTAGCTACAACGA ACTTGACG	_
		4394	CTCTTCAA GGCTAGCTACAACGA CTCAGCAC	-
8154	GUUGAAGA G CAUAGGAC	4395	GTCCTATG GGCTAGCTACAACGA TCTTCAAC	4
8170	CGAUUCGG G UCCUUGAA	4396	TOTAL CONTRACTOR OF THE CONTRA	_
8182	UUGAAAUG G UUGAGGAC	4397		
8193	GAGGACUG G CUGCACCG	4300	GTCCTCAA GGCTAGCTACAACGA CATTTCAA	

CGGTGCAG GGCTAGCTACAACGA CAGTCCTC GACUGGCU G CACCGAGG CCTCGGTG GGCTAGCTACAACGA AGCCAGTC CACCGAGG G CCAAGGGA TCCCTTGG GGCTAGCTACAACGA CCTCGGTG GGAAUUUU G CGUGAAGG CCTTCACG GGCTAGCTACAACGA AAAATTCC AAUUUUGC G UGAAGGUG CACCTTCA GGCTAGCTACAACGA GCAAAATT GCGUGAAG G UGCUCUGC GCAGAGCA GGCTAGCTACAACGA CTTCACGC GUGAAGGU G CUCUGCCC GGGCAGAG GGCTAGCTACAACGA ACCTTCAC GGUGCUCU G CCCCUACA TGTAGGGG GGCTAGCTACAACGA AGAGCACC CCCUACAU G CCGAAAGU ACTITCGG GGCTAGCTACAACGA ATGTAGGG UGCCGAAA G UCAUAGAG CTCTATGA GGCTAGCTACAACGA TTTCGGCA AAGAUGGA G CUGCUCCA TGGAGCAG GGCTAGCTACAACGA TCCATCTT AUGGAGCU G CUCCAACG CGTTGGAG GGCTAGCTACAACGA AGCTCCAT GCUCCAAC G CCGGUAUG CATACCGG GGCTAGCTACAACGA GTTGGAGC CAACGCCG G UAUGGGGG CCCCCATA GGCTAGCTACAACGA CGGCGTTG GGGGACUG G UCAGAAAC GTTTCTGA GGCTAGCTACAACGA CAGTCCCC AAUUCCAC G CACGAGAU ATCTCGTG GGCTAGCTACAACGA GTGGAATT CACGAGAU G UAUUGGGU ACCCAATA GGCTAGCTACAACGA ATCTCGTG UGUAUUGG G UGAGUCGA TCGACTCA GGCTAGCTACAACGA CCAATACA UUGGGUGA G UCGAGCUU AAGCTCGA GGCTAGCTACAACGA TCACCCAA UGAGUCGA G CUUCAGGC GCCTGAAG GGCTAGCTACAACGA TCGACTCA AGCUUCAG G CAAUGUGG CCACATTG GGCTAGCTACAACGA CTGAAGCT CAGGCAAU G UGGUACAU ATGTACCA GGCTAGCTACAACGA ATTGCCTG GCAAUGUG G UACAUUCA TGAATGTA GGCTAGCTACAACGA CACATTGC UACAUUCA G UGAAUAUG CATATTCA GGCTAGCTACAACGA TGAATGTA UAUGACCA G CCAGGUGC GCACCTGG GGCTAGCTACAACGA TGGTCATA CCAGCCAG G UGCUCCUA TAGGAGCA GGCTAGCTACAACGA CTGGCTGG AGCCAGGU G CUCCUAGG CCTAGGAG GGCTAGCTACAACGA ACCTGGCT AGGAAGAU G UAAACUUG CAAGTTTA GGCTAGCTACAACGA ATCTTCCT CUUGGGAA G UGGAACCA TGGTTCCA GGCTAGCTACAACGA TTCCCAAG GAACCAGG G CGGUGGGA TCCCACCG GGCTAGCTACAACGA CCTGGTTC CCAGGGCG G UGGGAAAA TTTTCCCA GGCTAGCTACAACGA CGCCCTGG AAACCCCU G CUCAACUC GAGTTGAG GGCTAGCTACAACGA AGGGGTTT AGACACCA G UAAAAUCA TGATTTTA GGCTAGCTACAACGA TGGTGTCT CGACUCAG G CGUGAGUA TACTCACG GGCTAGCTACAACGA CTGAGTCG ACUCAGGC G UGAGUACA TGTACTCA GGCTAGCTACAACGA GCCTGAGT AGGCGUGA G UACAGUUC GAACTGTA GGCTAGCTACAACGA TCACGCCT UGAGUACA G UUCGACGU ACGTCGAA GGCTAGCTACAACGA TGTACTCA AGUUCGAC G UGGCACCA TGGTGCCA GGCTAGCTACAACGA GTCGAACT 8562: UCGACGUG G CACCACGA TCGTGGTG GGCTAGCTACAACGA CACGTCGA CUAUCACG G CAGUUAUG CATAACTG GGCTAGCTACAACGA CGTGATAG UCACGGCA G UUAUGAUG CATCATAA GGCTAGCTACAACGA TGCCGTGA GUUAUGAU G UGAAGCCC GGGCTTCA GGCTAGCTACAACGA ATCATAAC GAUGUGAA G CCCACAGG CCTGTGGG GGCTAGCTACAACGA TTCACATC GCCCACAG G CUCCGCCA TGGCGGAG GGCTAGCTACAACGA CTGTGGGC CAGGCUCC G CCAGUUCG CGAACTGG GGCTAGCTACAACGA GGAGCCTG CUCCGCCA G UUCGCUGG CCAGCGAA GGCTAGCTACAACGA TGGCGGAG GCCAGUUC G CUGGUCAA TTGACCAG GGCTAGCTACAACGA GAACTGGC GUUCGCUG G UCAAUGGA TCCATTGA GGCTAGCTACAACGA CAGCGAAC UCAAUGGA G UGGUCAGG CCTGACCA GGCTAGCTACAACGA TCCATTGA AUGGAGUG G UCAGGCUC GAGCCTGA GGCTAGCTACAACGA CACTCCAT GUGGUCAG G CUCCUCUC GAGAGGAG GGCTAGCTACAACGA CTGACCAC UCACGAAU G UUACCACC GGTGGTAA GGCTAGCTACAACGA ATTCGTGA 

		•	Table VI	
8710	CCACCAUG G CCAUGACU	4450	AGTCATGG GGCTAGCTACAACGA CATGGTGG	<del>-1</del>
8736	CCCUUCGG G CAGCAGCG	4451	CGCTGCTG GGCTAGCTACAACGA CCGAAGGG	21571
8739	UUCGGGCA G CAGCGAGU	4452	ACTCGCTG GGCTAGCTACAACGA TGCCCGAA	21572
8742	GGGCAGCA G CGAGUGUU	4453	AACACTCG GGCTAGCTACAACGA TGCTGCCC	21573
8746	AGCAGCGA G UGUUCAAA	4454	TTTGAACA GGCTAGCTACAACGA TCGCTGCT	21574
8748	CAGCGAGU G UUCAAAGA	4455	TCTTTGAA GGCTAGCTACAACGA ACTCGCTG	21575
8761	AAGAGAAG G UGGACACG	4456	CGTGTCCA GGCTAGCTACAACGA CTTCTCTT	21576
8773	ACACGAAA G CUCCUGAA	4457	TTCAGGAG GGCTAGCTACAACGA TTTCGTGT	21577
8784	CCUGAACC G CCAGAAGG	4458	CCTTCTGG GGCTAGCTACAACGA GGTTCAGG	21578
8794	CAGAAGGA G UGAAGUAC	4459	GTACTTCA GGCTAGCTACAACGA TCCTTCTG	21579
8799	GGAGUGAA G UACGUGCU	4460	AGCACGTA GGCTAGCTACAACGA TTCACTCC	21580
8803	UGAAGUAC G UGCUCAAU	4461	ATTGAGCA GGCTAGCTACAACGA GTACTTCA	21581
8805	AAGUACGU G CUCAAUGA	4462	TCATTGAG GGCTAGCTACAACGA GCTACTT	21582
8826	ACCAACUG G UUGUGGGC	4463	GCCCACAA GGCTAGCTACAACGA CAGTTGGT	21583
8829	AACUGGUU G UGGGCGUU	4464	AACGCCCA GGCTAGCTACAACGA CAGTTGGT	21584
8833	GGUUGUGG G CGUUUUUG	4465	CAAAAACG GGCTAGCTACAACGA CCACAACC	21585
8835	UUGUGGGC G UUUUUGGC	4466	GCCAAAAA GGCTAGCTACAACGA GCCCACAA	21586
8842	CGUUUUUG G CCAGAGAA	4467	TTCTCTGG GGCTAGCTACAACGA CAAAAACG	21587
8855	AGAAAAAC G UCCCAGAA	4468	TTCTGGGA GGCTAGCTACAACGA CAAAAACG	21588
8865	CCCAGAAU G UGCUCUCG	4469	CGAGAGCA GGCTAGCTACAACGA GTTTTTCT	21589
8867	CAGAAUGU G CUCUCGAG	4470	CTCGAGAG GGCTAGCTACAACGA ACATTCTG	21590
8893	UAAGAAAG G UCAACAGC	4471	GCTGTTGA GGCTAGCTACAACGA CCTTCTTA	21591
8900	GGUCAACA G CAAUGCAG	4472	CTGCATTG GGCTAGCTACAACGA TGTTGACC	21592
8905	ACAGCAAU G CAGCUUUG	4473	CAAAGCTG GGCTAGCTACAACGA ATTGCTGT	21593
8908	GCAAUGCA G CUUUGGGU	4474	ACCCAAAG GGCTAGCTACAACGA TGCATTGC	21594
8915	AGCUUUGG G UGCCAUGU	4475	ACATGGCA GGCTAGCTACAACGA CCAAAGCT	21595
8917	CUUUGGGU G CCAUGUUU	4476	AAACATGG GGCTAGCTACAACGA ACCCAAAG	21596
8922	GGUGCCAU G UUUGAAGA	4477	TCTTCAAA GGCTAGCTACAACGA ATGGCACC	21597
8931	UUUGAAGA G CAGAAUCA	4478	TGATTCTG GGCTAGCTACAACGA TCTTCAAA	21598
8948	AUGGAGGA G CGCCAGAG	4479	CTCTGGCG GGCTAGCTACAACGA TCCTCCAT	21599
8950	GGAGGAGC G CCAGAGAA	4480	TTCTCTGG GGCTAGCTACAACGA GCTCCTCC	21600
8959	CCAGAGAA G CAGUUGAA	4481	TTCAACTG GGCTAGCTACAACGA TTCTCTGG	21601
8962	GAGAAGCA G UUGAAGAU	4482	ATCTTCAA GGCTAGCTACAACGA TGCTTCTC	21602
8989	GGGAGAUG G UGGAUGAG	4483	CTCATCCA GGCTAGCTACAACGA CATCTCCC	21603
9000	GAUGAGGA G CGCGAGGC	4484	GCCTCGCG GGCTAGCTACAACGA TCCTCATC	21604
9002	UGAGGAGC G CGAGGCAC	4485	GTGCCTCG GGCTAGCTACAACGA GCTCCTCA	21605
9007	AGCGCGAG G CACAUCUG	4486	CAGATGTG GGCTAGCTACAACGA CTCGCGCT	21606
9015	GCACAUCU G CGGGGGGA	4487	TCCCCCG GGCTAGCTACAACGA AGATGTGC	21607
9026	GGGGGAAU G UCACACUU	4488	AAGTGTGA GGCTAGCTACAACGA ATTCCCCC	21608
9035	UCACACUU G CAUUUACA	4489	TGTAAATG GGCTAGCTACAACGA AAGTGTGA	21609
9078	CCCGGAGA G UUCGGAAA	4490	TTTCCGAA GGCTAGCTACAACGA TCTCCGGG	21610
9088	UCGGAAAG G CCAAGGGA	4491	TCCCTTGG GGCTAGCTACAACGA CTTTCCGA	21611
9098	CAAGGGAA G CAGAGCCA	4492	TGGCTCTG GGCTAGCTACAACGA TTCCCTTG	
9103	GAAGCAGA G CCAUUUGG	4493	CCAAATGG GGCTAGCTACAACGA TCTGCTTC	21613
9111	GCCAUUUG G UUCAUGUG	4494	CACATGAA GGCTAGCTACAACGA CAAATGGC	
9117	UGGUUCAU G UGGCUCGG	4495	CCGAGCCA GGCTAGCTACAACGA ATGAACCA	21615
9120	UUCAUGUG G CUCGGAGC	4496	GCTCCGAG GGCTAGCTACAACGA CACATGAA	21617
9127	GGCUCGGA G CUCGCUUU	4497	AAAGCGAG GGCTAGCTACAACGA TCCGAGCC	21617
9131	CGGAGCUC G CUUUCUGG	4498	CCAGAAAG GGCTAGCTACAACGA GAGCTCCG	21619
9141	UUUCUGGA G UUCGAGGC	4499	GCCTCGAA GGCTAGCTACAACGA TCCAGAAA	-
9148	AGUUCGAG G CUCUGGGU	4500	ACCCAGAG GGCTAGCTACAACGA CTCGAACT	21620
9155	GGCUCUGG G UUUUCUCA	4501	TGAGAAAA GGCTAGCTACAACGA CCAGAGCC	21621
9177	GACCACUG G CUUGGAAG	4502	CTTCCAAG GGCTAGCTACAACGA CAGTGGTC	21623
9203	AGGAGGAG G UGUCGAGG	4503	CCTCGACA GGCTAGCTACAACGA CTCCTCCT	21624
9205	GAGGAGGU G UCGAGGGC	4504	GCCCTCGA GGCTAGCTACAACGA ACCTCCTC	21625
9212	UGUCGAGG G CUUGGGCC	4505	GGCCCAAG GGCTAGCTACAACGA CCTCGACA	21626
9218	GGGCUUGG G CCUCCAAA	4506	TTTGGAGG GGCTAGCTACAACGA CCAAGCCC	21627
9233	AAAACUGG G UUACAUCC	4507	GGATGTAA GGCTAGCTACAACGA CCAGTTTT	21628
9243	UACAUCCU G CGUGAAGU	4508	ACTTCACG GGCTAGCTACAACGA AGGATGTA	21629
9245	CAUCCUGC G UGAAGUUG	4509	CAACTICA GGCTAGCTACAACGA GCAGGATG	21630
9250	UGCGUGAA G UUGGCACC	4510	GGTGCCAA GGCTAGCTACAACGA TTCACGCA	21631
9254	UGAAGUUG G CACCCGGC	4511	GCCGGGTG GGCTAGCTACAACGA CAACTTCA	21632

		T	able VI	
9261	GGCACCCG G CCUGGGGG	4512	CCCCCAGG GGCTAGCTACAACGA CGGGTGCC	21633
9269	GCCUGGGG G CAAGAUCU	4513	AGATCTTG GGCTAGCTACAACGA CCCCAGGC	21634
9280	AGAUCUAU G CUGAUGAC	4514	GTCATCAG GGCTAGCTACAACGA ATAGATCT	21635
9292	AUGACACA G CUGGCUGG	4515	CCAGCCAG GGCTAGCTACAACGA TGTGTCAT	21636
9296	CACAGCUG G CUGGGACA	4516	TGTCCCAG GGCTAGCTACAACGA CAGCTGTG	21637
9308	GGACACCC G CAUCACGA	4517	TCGTGATG GGCTAGCTACAACGA GGGTGTCC	21638
9319	UCACGAGA G CUGACUUG	4518	CAAGTCAG GGCTAGCTACAACGA TCTCGTGA	21639
9337	AAAAUGAA G CUAAGGUG	4519	CACCTTAG GGCTAGCTACAACGA TTCATTTT	21640
9343	AAGCUAAG G UGCUUGAG	4520	CTCAAGCA GGCTAGCTACAACGA CTTAGCTT	21641
9345	GCUAAGGU G CUUGAGCU	4521	AGCTCAAG GGCTAGCTACAACGA ACCTTAGC	21642
9351	GUGCUUGA G CUGCUUGA	4522	TCAAGCAG GGCTAGCTACAACGA TCAAGCAC	21643
9354	CUUGAGCU G CUUGAUGG	4523	CCATCAAG GGCTAGCTACAACGA AGCTCAAG	21644
9372	GAACAUCG G CGUCUUGC	4524	GCAAGACG GGCTAGCTACAACGA CGATGTTC	21645
9374	ACAUCGGC G UCUUGCCA	4525	TGGCAAGA GGCTAGCTACAACGA GCCGATGT	21646
9379	GGCGUCUU G CCAGGGCC	4526	GGCCCTGG GGCTAGCTACAACGA AAGACGCC	21647
9385	UUGCCAGG G CCAUCAUU	4527	AATGATGG GGCTAGCTACAACGA CCTGGCAA	21648
9396	AUCAUUGA G CUCACCUA	4528	TAGGTGAG GGCTAGCTACAACGA TCAATGAT	21649
9407	CACCUAUC G UCACAAAG	4529	CTTTGTGA GGCTAGCTACAACGA GATAGGTG	21650
9415	GUCACAAA G UUGUGAAA	4530	TTTCACAA GGCTAGCTACAACGA TTTGTGAC	21651
9418	ACAAAGUU G UGAAAGUG	4531	CACTITCA GGCTAGCTACAACGA AACTITGT	21652
9424	UUGUGAAA G UGAUGCGC	4532	GCGCATCA GGCTAGCTACAACGA TTTCACAA	21653
9429	AAAGUGAU G CGCCCGGC	4533	GCCGGGCG GGCTAGCTACAACGA ATCACTTT	21654
9431	AGUGAUGC G CCCGGCUG	4534	CAGCCGGG GGCTAGCTACAACGA GCATCACT	21655
9436	UGCGCCCG G CUGCUGAU	4535	ATCAGCAG GGCTAGCTACAACGA CGGGCGCA	21656
9454	GCCCGGCU G CUGAUGGA	4536	TCCATCAG GGCTAGCTACAACGA AGCCGGGC	21657
9463	GAAGAACC G UCAUGGAU UCAUGGAU G UUAUCUCC	4537	ATCCATGA GGCTAGCTACAACGA GGTTCTTC	21658
9491	GAGGGGA G UGGACAAG	4538 4539	GGAGATAA GGCTAGCTACAACGA ATCCATGA	21659
9499	GUGGACAA G UUGUCACC	4540	CTTGTCCA GGCTAGCTACAACGA TCCCCCTC	21660
9502	GACAAGUU G UCACCUAC	4541	GGTGACAA GGCTAGCTACAACGA TTGTCCAC	21661
9511	UCACCUAC G CCCUAAAC	4542	GTAGGTGA GGCTAGCTACAACGA AACTTGTC GTTTAGGG GGCTAGCTACAACGA GTAGGTGA	21662
9535	CCAACCUG G CCGUCCAG	4543	CTGGACGG GGCTAGCTACAACGA GTAGGTGA	21663
9538	ACCUGGCC G UCCAGCUG	4544	CAGCTGGA GGCTAGCTACAACGA GGCCAGGT	21664
9543	GCCGUCCA G CUGGUGAG	4545	CTCACCAG GGCTAGCTACAACGA TGGACGGC	21665
9547	UCCAGCUG G UGAGGAUG	4546	CATCCTCA GGCTAGCTACAACGA CAGCTGGA	21667
9571	GGGAAGGA G UGAUUGGC	4547	GCCAATCA GGCTAGCTACAACGA TCCTTCCC	21668
9578	AGUGAUUG G CCCAGAUG	4548	CATCTGGG GGCTAGCTACAACGA CAATCACT	21669
9589	CAGAUGAU G UGGAGAAA	4549	TTTCTCCA GGCTAGCTACAACGA ATCATCTG	21670
9622	GACCCAAA G UCAGGACC	4550	GGTCCTGA GGCTAGCTACAACGA TTTGGGTC	21671
9633	AGGACCUG G CUGUUUGA	4551	TCAAACAG GGCTAGCTACAACGA CAGGTCCT	21672
9636	ACCUGGCU G UUUGAGAA	4552	TTCTCAAA GGCTAGCTACAACGA AGCCAGGT	21673
9662	AAGACUCA G CCGCAUGG	4553	CCATGCGG GGCTAGCTACAACGA TGAGTCTT	21674
9665	ACUCAGCC G CAUGGCUG	4554	CAGCCATG GGCTAGCTACAACGA GGCTGAGT	21675
9670	GCCGCAUG G CUGUCAGU	4555	ACTGACAG GGCTAGCTACAACGA CATGCGGC	21676
9673	GCAUGGCU G UCAGUGGA	4556	TCCACTGA GGCTAGCTACAACGA AGCCATGC	21677
9677	GGCUGUCA G UGGAGAUG	4557	CATCTCCA GGCTAGCTACAACGA TGACAGCC	21678
9689	AGAUGACU G UGUGGUAA	4558	TTACCACA GGCTAGCTACAACGA AGTCATCT	21679
9691	AUGACUGU G UGGUAAAG	4559	CTTTACCA GGCTAGCTACAACGA ACAGTCAT	21680
9694	ACUGUGUG G UAAAGCCC	4560	GGGCTTTA GGCTAGCTACAACGA CACACAGT	21681
9713	GUGGUAAA G CCCCUGGA	4561	TCCAGGGG GGCTAGCTACAACGA TTTACCAC	21682
9718	AUCCULU C CCACTUCC	4562	TGGCAAAG GGCTAGCTACAACGA GATCGTCC	21683
9726	AUCGCUUU G CCACCUCG GCCACCUC G CUCCACUU	4563	CGAGGTGG GGCTAGCTACAACGA AAAGCGAT	21684
9742	UCCUCAAU G CUAUGUCA	4564	AAGTGGAG GGCTAGCTACAACGA GAGGTGGC	21685
9747	AAUGCUAU G UCAAAGGU	4565	TGACATAG GGCTAGCTACAACGA ATTGAGGA	21686
9754	UGUCAAAG G UUCGCAAA	4566	ACCTTTGA GGCTAGCTACAACGA ATAGCATT	21687
9758	AAAGGUUC G CAAAGACA	4567	TTTGCGAA GGCTAGCTACAACGA CTTTGACA	21688
9774	AUCCAAGA G UGGAAACC	4568 4569	TGTCTTTG GGCTAGCTACAACGA GAACCTTT	21689
9783	UGGAAACC G UCAACUGG	4569	GGTTTCCA GGCTAGCTACAACGA TCTTGGAT	21690
9795	ACUGGAUG G UAUGAUUG	4571	CCAGTTGA GGCTAGCTACAACGA GGTTTCCA	21691
9804	UAUGAUUG G CAGCAGGU	4572	CAATCATA GGCTAGCTACAACGA CATCCAGT	21692
9807	GAUUGGCA G CAGGUUCC	4573	ACCTGCTG GGCTAGCTACAACGA CAATCATA GGAACCTG GGCTAGCTACAACGA TGCCAATC	21693
			SUPECIA GGCIMGCIMCANCGA TGCCANTC	21694

			Table VI	
9811	GGCAGCAG G UUCCAUUU	4574	AAATGGAA GGCTAGCTACAACGA CTGCTGCC	21695
9821	UCCAUUUU G CUCAAACC	4575	GGTTTGAG GGCTAGCTACAACGA AAAATGGA	21696
9868	GAACACUG G UGGUUCCA	4576	TGGAACCA GGCTAGCTACAACGA CAGTGTTC	21697
9871	CACUGGUG G UUCCAUGC	4577	GCATGGAA GGCTAGCTACAACGA CACCAGTG	21698
9878	GGUUCCAU G CCGAGGAC	4578	GTCCTCGG GGCTAGCTACAACGA ATGGAACC	21699
9898	AUGAAUUG G UAGGCAGA	4579	TCTGCCTA GGCTAGCTACAACGA CAATTCAT	21700
9902	AUUGGUAG G CAGAGCUC	4580	GAGCTCTG GGCTAGCTACAACGA CTACCAAT	21701
9907	UAGGCAGA G CUCGCAUA	4581	TATGCGAG GGCTAGCTACAACGA TCTGCCTA	21702
9911	CAGAGCUC G CAUAUCUC	4582	GAGATATG GGCTAGCTACAACGA GAGCTCTG	21703
9925	CUCCAGGG G CCGGAUGG	4583	CCATCCGG GGCTAGCTACAACGA CCCTGGAG	21704
9937	GAUGGAAC G UCCGCGAC	4584	GTCGCGGA GGCTAGCTACAACGA GTTCCATC	21705
9941	GAACGUCC G CGACACUG	4585	CAGTGTCG GGCTAGCTACAACGA GGACGTTC	21706
9949	GCGACACU G CUUGUCUG	4586	CAGACAAG GGCTAGCTACAACGA AGTGTCGC	21707
9953	CACUGCUU G UCUGGCUA	4587	TAGCCAGA GGCTAGCTACAACGA AAGCAGTG	21708
9958	CUUGUCUG G CUAAGUCU	4588	AGACTTAG GGCTAGCTACAACGA CAGACAAG	21709
9963	CUGGCUAA G UCUUAUGC	4589	GCATAAGA GGCTAGCTACAACGA TTAGCCAG	21710
9970	AGUCUUAU G CCCAGAUG	4590	CATCTGGG GGCTAGCTACAACGA ATAAGACT	21711
9978	GCCCAGAU G UGGCUGCU	4591	AGCAGCCA GGCTAGCTACAACGA ATCTGGGC	21712
9981	CAGAUGUG G CUGCUUCU	4592	AGAAGCAG GGCTAGCTACAACGA CACATCTG	21713
9984	AUGUGGCU G CUUCUGUA	4593	TACAGAAG GGCTAGCTACAACGA AGCCACAT	21714
10011	CUGCUUCU G UACUUCCA	4594	TGGAAGTA GGCTAGCTACAACGA AGAAGCAG	21715
10011	AGAGACCU G CGGCUCAU	4595	ATGAGCCG GGCTAGCTACAACGA AGGTCTCT	21716
10014	GACCUGCG G CUCAUGGC	4596	GCCATGAG GGCTAGCTACAACGA CGCAGGTC	21717
10027	GGCUCAUG G CCAACGCC	4597	GGCGTTGG GGCTAGCTACAACGA CATGAGCC	21718
10027	UGGCCAAC G CCAUUUGC	4598	GCAAATGG GGCTAGCTACAACGA GTTGGCCA	21719
10034	CGCCAUUU G CUCCGCUG	4599	CAGCGGAG GGCTAGCTACAACGA AAATGGCG	21720
10033	UUUGCUCC G CUGUCCCU	4600	AGGGACAG GGCTAGCTACAACGA GGAGCAAA	21721
10042	GCUCCGCU G UCCCUGUG CUGUCCCU G UGAAUUGG	4601	CACAGGGA GGCTAGCTACAACGA AGCGGAGC	21722
10057	UGAAUUGG G UCCCUACC	4602	CCAATTCA GGCTAGCTACAACGA AGGGACAG	21723
10077	AGAACCAC G UGGUCCAU	4603	GGTAGGGA GGCTAGCTACAACGA CCAATTCA	21724
10080	ACCACGUG G UCCAUCCA	4604	ATGGACCA GGCTAGCTACAACGA GTGGTTCT	21725
10090	CCAUCCAU G CAGGAGGA	4605	TGGATGGA GGCTAGCTACAACGA CACGTGGT	21726
10101	GGAGGAGA G UGGAUGAC	4606	TCCTCCTG GGCTAGCTACAACGA ATGGATGG	21727
10122	GAGGACAU G UUGGAGGU	4608	GTCATCCA GGCTAGCTACAACGA TCTCCTCC	21728
10129	UGUUGGAG G UCUGGAAC	4609	ACCTCCAA GGCTAGCTACAACGA ATGTCCTC	21729
10139	CUGGAACC G UGUUUGGA	4610	GTTCCAGA GGCTAGCTACAACGA CTCCAACA	21730
10141	GGAACCGU G UUUGGAUA	4611	TCCAAACA GGCTACCTACAACGA GGTTCCAG	21731
10183	AAACCCCA G UGGAGAAA	4612	TATCCAAA GGCTAGCTACAACGA ACGGTTCC	21732
10196	GAAAUGGA G UGACGUCC	4613	TTTCTCCA GGCTAGCTACAACGA TGGGGTTT	21733
10201	GGAGUGAC G UCCCAUAU	4614	GGACGTCA GGCTAGCTACAACGA TCCATTTC	21734
10233	GACAUCUG G UGUGGCAG	4615	ATATGGGA GGCTAGCTACAACGA GTCACTCC CTGCCACA GGCTAGCTACAACGA CAGATGTC	21735
10235	CAUCUGGU G UGGCAGCC	4616	GGCTGCCA GGCTAGCTACAACGA CAGATGTC	21736
10238	CUGGUGUG G CAGCCUGA	4617	TCAGGCTG GGCTAGCTACAACGA ACCAGATG	21737
10241	GUGUGGCA G CCUGAUUG	4618	CAATCAGG GGCTAGCTACAACGA CACACCAG	21738
10250	CCUGAUUG G CACAAGAG	4619	CTCTTGTG GGCTAGCTACAACGA TGCCACAC	21739
10258	GCACAAGA G CCCGAGCC	4620	GGCTCGGG GGCTAGCTACAACGA TCTTGTGC	21740
10264	GAGCCCGA G CCACGUGG	4621	CCACGTGG GGCTAGCTACAACGA TCTTGTGC	21741
10269	CGAGCCAC G UGGGCAGA	4622	TCTGCCCA GGCTAGCTACAACGA TCGGGCTCG	21742
10273	CCACGUGG G CAGAAAAC	4623	GTTTCTG GGCTAGCTACAACGA CCACGTGG	21743
10288	ACAUCCAG G UGGCUAUC	4624	GATAGCCA GGCTAGCTACAACGA CCACGTGG	21744
10291	UCCAGGUG G CUAUCAAC	4625	GTTGATAG GGCTAGCTACAACGA CACCTGGA	21745
10303	UCAACCAA G UCAGAGCA	4626	TGCTCTGA GGCTAGCTACAACGA TTGGTTGA	21746
10309	AAGUCAGA G CAAUCAUC	4627	GATGATTG GGCTAGCTACAACGA TCTGACTT	21747
10329	GAUGAGAA G UAUGUGGA	4628	TCCACATA GGCTAGCTACAACGA TTCTCATC	21748
10333	AGAAGUAU G UGGAUUAC	4629	GTAATCCA GGCTAGCTACAACGA ATACTTCT	21749
10346	UUACAUGA G UUCACUAA	4630	TTAGTGAA GGCTAGCTACAACGA TCATGTAA	21750
10378	CAACUUUG G UUGAGGAC	4631	GTCCTCAA GGCTAGCTACAACGA CAAAGTTG	21751
10390	AGGACACA G UACUGUAG	4632	CTACAGTA GGCTAGCTACAACGA TGTGTCCT	21752
10395	ACAGUACU G UAGAUAUU	4633	AATATCTA GGCTAGCTACAACGA AGTACTGT	21753
10413	AAUCAAUU G UAAAUAGA	4634	TCTATTTA GGCTAGCTACAACGA AATTGATT	21754
10430	CAAUAUAA G UAUGCAUA	4635	TATGCATA GGCTAGCTACAACGA TTATATTG	21755
			TININII NOMBONICO	44/30

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10434	AUAAGUAU G CAUAAAAG	4636	CTTTTATG GGCTAGCTACAACGA ATACTTAT	21757
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2088	CUGAUUGA A UUGGAACC	4859	GGTTCCAA GGCTAGCTACAACGA TCAATCAG	21980
2094	GAAUUGGA A CCACCCUU	4860	AAGGGTGG GGCTAGCTACAACGA TCCAATTC	21981
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2136	AGAGGAGA A CAACAGAU	4862	ATCTGTTG GGCTAGCTACAACGA TCTCCTCT	21983
2139	GGAGAACA A CAGAUCAA	4863	TTGATCTG GGCTAGCTACAACGA TGTTCTCC	21984
2143	AACAACAG A UCAAUCAC	4864	GTGATTGA GGCTAGCTACAACGA CTGTTGTT	21985
2147	ACAGAUCA A UCACCAUU	4865	AATGGTGA GGCTAGCTACAACGA TGATCTGT	21986
2194	CCUUUACA A CCACCCUC	4866	GAGGGTGG GGCTAGCTACAACGA TGTAAAGG	21987
2217	GCGCAGAG A CUAGCCGC	4867	GCGGCTAG GGCTAGCTACAACGA CTCTGCGC	21988
2234	UCUAGGAG A CACAGCUU	4868	AAGCTGTG GGCTAGCTACAACGA CTCCTAGA	21989
2246	AGCUUGGG A CUUUGGAU	4869	ATCCAAAG GGCTAGCTACAACGA CCCAAGCT	21990
2253	GACUUUGG A UCAGUUGG	4870	CCAACTGA GGCTAGCTACAACGA CCAAAGTC	21991
2344	UGUCCUGG A UAACGCAA	4871	TTGCGTTA GGCTAGCTACAACGA CCAGGACA	21992
2347	CCUGGAUA A CGCAAGGA	4872	TCCTTGCG GGCTAGCTACAACGA TATCCAGG	21993
2355	ACGCAAGG A UUGCUGGG	4873	CCCAGCAA GGCTAGCTACAACGA CCTTGCGT	21994
2380	UGUUGUGG A UGGGCAUC	4874	GATGCCCA GGCTAGCTACAACGA CCACAACA	21995
2390	GGGCAUCA A UGCUCGUG	4875	CACGAGCA GGCTAGCTACAACGA TGATGCCC	21995
2399	UGCUCGUG A UAGGUCCA	4876	TGGACCTA GGCTAGCTACAACGA CACGAGCA	
2459	CUCCGUGA A CGUGCACG	4877	CGTGCACG GGCTAGCTACAACGA TCACGGAG	21997
2471	GCACGCUG A CACUGGGU	4878	ACCCAGTG GGCTAGCTACAACGA CAGCGTGC	21998
2489	UGCCAUAG A CAUCAGCC	4879	GGCTGATG GGCTAGCTACAACGA CAGCGTGC	21999
2511	GAGCUGAG A UGUGGAAG	4880	CTTCCACA GGCTAGCTACAACGA CTATGGCA	22000
2537	CAUACACA A UGAUGUGG	4881		22001
2540	ACACAAUG A UGUGGAGG	4882	CCACATCA GGCTAGCTACAACGA TGTGTATG	22002
2554	AGGCUUGG A UGGACCGG	4883	CCTCCACA GGCTAGCTACAACGA CATTGTGT	22003
		1003	CCGGTCCA GGCTAGCTACAACGA CCAAGCCT	22004

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2558	UUGGAUGG A CCGGUACA	4884	TGTACCGG GGCTAGCTACAACGA CCATCCAA	22005
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2643	GGUCUACG A UCAGUUUC	4887	GAAACTGA GGCTAGCTACAACGA CGTAGACC	22008
2655	GUUUCCAG A CUGGAGCA	4888	TGCTCCAG GGCTAGCTACAACGA CTGGAAAC	22009
2668	AGCAUCAA A UGUGGGAA	4889	TTCCCACA GGCTAGCTACAACGA TTGATGCT	22010
2687	AGUGAAGG A CGAGCUGA	4890	TCAGCTCG GGCTAGCTACAACGA CCTTCACT	22011
2696	CGAGCUGA A CACUCUUU	4891	AAAGAGTG GGCTAGCTACAACGA TCAGCTCG	22012
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2723	UGGUGUGG A CCUUAGUG	4893	CACTAAGG GGCTAGCTACAACGA CCACACCA	22014
2745	GUUGAGAA A CAGGAGGG	4894	CCCTCCTG GGCTAGCTACAACGA TTCTCAAC	22015
2755	AGGAGGGA A UGUACAAG	4895	CTTGTACA GGCTAGCTACAACGA TCCCTCCT	22016
2775	GCACCUAA A CGCCUCAC	4896	GTGAGGCG GGCTAGCTACAACGA TTAGGTGC	22017
2799	ACGGAAAA A UUGGAAAU	4897	ATTTCCAA GGCTAGCTACAACGA TTTTCCGT	22018
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2858	ACUCGCCA A CAACACCU	4900	AGGTGTTG GGCTAGCTACAACGA TGGCGAGT	22021
2861	CGCCAACA A CACCUUUG	4901	CAAAGGTG GGCTAGCTACAACGA TGTTGGCG	22022
2876	UGUGGUUG A UGGUCCGG	4902	CCGGACCA GGCTAGCTACAACGA CAACCACA	22023
2887	GUCCGGAG A CCAAGGAA	4903	TTCCTTGG GGCTAGCTACAACGA CTCCGGAC	22024
2895	ACCAAGGA A UGUCCGAC	4904	GTCGGACA GGCTAGCTACAACGA TCCTTGGT	22025
2902	AAUGUCCG A CUCAGAAU	4905	ATTCTGAG GGCTAGCTACAACGA CGGACATT	22026
2909	GACUCAGA A UCGCGCUU	4906	AAGCGCGA GGCTAGCTACAACGA TCTGAGTC	22027
2921	CGCUUGGA A UAGCUUAG	4907	CTAAGCTA GGCTAGCTACAACGA TCCAAGCG	22028
2939	AGUGGAGG A UUUUGGAU	4908	ATCCAAAA GGCTAGCTACAACGA CCTCCACT	22029
2946	GAUUUUGG A UUUGGUCU	4909	AGACCAAA GGCTAGCTACAACGA CCAAAATC	22030
2968	GCACUCGG A UGUUCCUG	4910	CAGGAACA GGCTAGCTACAACGA CCGAGTGC	22031
2993	AGAGAGCA A CACAACUG	4911	CAGTTGTG GGCTAGCTACAACGA TGCTCTCT	22032
2998	GCAACACA A CUGAAUGU	4912	ACATTCAG GGCTAGCTACAACGA TGTGTTGC	22033
3003	ACAACUGA A UGUGACUC	4913	GAGTCACA GGCTAGCTACAACGA TCAGTTGT	22034
3008	UGAAUGUG A CUCGAAGA	4914	TCTTCGAG GGCTAGCTACAACGA CACATTCA	22035
3016	ACUCGAAG A UCAUUGGA	4915	TCCAATGA GGCTAGCTACAACGA CTTCGAGT	22036
3025	UCAUUGGA A CGGCUGUC	4916	GACAGCCG GGCTAGCTACAACGA TCCAATGA	22037
3038	UGUCAAGA A CAACUUGG	4917	CCAAGTTG GGCTAGCTACAACGA TCTTGACA	22038
3041	CAAGAACA A CUUGGCGA	4918	TCGCCAAG GGCTAGCTACAACGA TGTTCTTG	22039
3049	ACUUGGCG A UCCACAGU	4919	ACTGTGGA GGCTAGCTACAACGA CGCCAAGT	22040
3059	CCACAGUG A CCUGUCCU	4920	AGGACAGG GGCTAGCTACAACGA CACTGTGG	22041
3073	CCUAUUGG A UUGAAAGC	4921	GCTTTCAA GGCTAGCTACAACGA CCAATAGG	22042
3089	CAGGCUCA A UGAUACGU	4922	ACGTATCA GGCTAGCTACAACGA TGAGCCTG	22043
3092	GCUCAAUG A UACGUGGA	4923	TCCACGTA GGCTAGCTACAACGA CATTGAGC	22044
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3170	GUGGGGCG A UGGAAUCC	4926	GGATTCCA GGCTAGCTACAACGA CGCCCCAC	22047
3175	GCGAUGGA A UCCUUGAG	4927	CTCAAGGA GGCTAGCTACAACGA TCCATCGC	22048
3188	UGAGAGUG A CUUGAUAA	4928	TTATCAAG GGCTAGCTACAACGA CACTCTCA	22049
3193	GUGACUUG A UAAUACCA	4929	TGGTATTA GGCTAGCTACAACGA CAAGTCAC	22050
3196	ACUUGAUA A UACCAGUC	4930	GACTGGTA GGCTAGCTACAACGA TATCAAGT	22051
3216	CUGGCGGG A CCACGAAG	4931	CTTCGTGG GGCTAGCTACAACGA CCCGCCAG	22052
3227	ACGAAGCA A UCACAAUC	4932	GATTGTGA GGCTAGCTACAACGA TGCTTCGT	22053
3233	CAAUCACA A UCGGAGAC	4933	GTCTCCGA GGCTAGCTACAACGA TGTGATTG	22054
3240	AAUCGGAG A CCUGGGUA	4934	TACCCAGG GGCTAGCTACAACGA CTCCGATT	22055
3253	GGUACAAG A CACAAAAC	4935	GTTTTGTG GGCTAGCTACAACGA CTTGTACC	22056
3260	GACACAAA A CCAGGGCC	4936	GGCCCTGG GGCTAGCTACAACGA TTTGTGTC	22057
3275	CCCAUGGG A CGAAGGCC	4937	GGCCTTCG GGCTAGCTACAACGA CCCATGGG	22058
3292	GGGUAGAG A UUGACUUC	4938	GAAGTCAA GGCTAGCTACAACGA CTCTACCC	22059
3296	AGAGAUUG A CUUCGAUU	4939	AATCGAAG GGCTAGCTACAACGA CAATCTCT	22060
3302	UGACUUCG A UUACUGCC	4940	GGCAGTAA GGCTAGCTACAACGA CGAAGTCA	22061
3316	GCCCAGGA A CUACGGUC	4941	GACCGTAG GGCTAGCTACAACGA TCCTGGGC	22062
3345	AGCUGCGG A CACCGUGG	4942	CCACGGTG GGCTAGCTACAACGA CCGCAGCT	22062
3354	CACCGUGG A CCUGCCAC	4943	GTGGCAGG GGCTAGCTACAACGA CCACGGTG	22064
3391	GAAAGUUG A UAACAGAU	4944	ATCTGTTA GGCTAGCTACAACGA CAACTTTC	22065
3394	AGUUGAUA A CAGAUUGG	4945	CCAATCTG GGCTAGCTACAACGA TATCAACT	22066

			Table VI	
3398	GAUAACAG A UUGGUGCU	4946	AGCACCAA GGCTAGCTACAACGA CTGTTATC	22067
3442	GCUACCAA A CUGACAGC	4947	GCTGTCAG GGCTAGCTACAACGA TTGGTAGC	22068
3446	CCAAACUG A CAGCGGCU	4948	AGCCGCTG GGCTAGCTACAACGA CAGTTTGG	22069
3472	GUAUGGAG A UCAGACCA	4949	TGGTCTGA GGCTAGCTACAACGA CTCCATAC	22070
3477	GAGAUCAG A CCACAGAG	4950	CTCTGTGG GGCTAGCTACAACGA CTGATCTC	22071
3486	CCACAGAG A CAUGAUGA	4951	TCATCATG GGCTAGCTACAACGA CTCTGTGG	22072
3491	GAGACAUG A UGAAAAGA	4952	TCTTTCA GGCTAGCTACAACGA CATGTCTC	22073
3499	AUGAAAAG A CCCUCGUG	4953	CACGAGGG GGCTAGCTACAACGA CTTTTCAT	22074
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3530	UGCUUAUA A UGCUGAUA	4955	TATCAGCA GGCTAGCTACAACGA TATAAGCA	22076
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3541	CUGAUAUG A UUGACCCU	4957	AGGGTCAA GGCTAGCTACAACGA CATATCAG	22078
3545	UAUGAUUG A CCCUUUUC	4958	GAAAAGGG GGCTAGCTACAACGA CAATCATA	22079
3610	AGAGGUGG A CAGCCAAG	4959	CTTGGCTG GGCTAGCTACAACGA CCACCTCT	22080
3619	CAGCCAAG A UCAGCAUG	4960	CATGCTGA GGCTAGCTACAACGA CTTGGCTG	22081
3640	CUAUACUG A UUGCUCUG	4961	CAGAGCAA GGCTAGCTACAACGA CAGTATAG	22082
3683	UUACACUG A UGUGUUAC	4962	GTAACACA GGCTAGCTACAACGA CAGTGTAA	22083
3726	UUCGCAGA A UCUAAUUC	4963	GAATTAGA GGCTAGCTACAACGA TCTGCGAA	22084
3731	AGAAUCUA A UUCGGGAG	4964	CTCCCGAA GGCTAGCTACAACGA TAGATTCT	
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3827	AUGGACCA A CCAGGAGA	4971	TCTCCTGG GGCTAGCTACAACGA TGGTCCAT	22092
3836	CCAGGAGA A CAUUUUGU	4972	ACAAAATG GGCTAGCTACAACGA TCTCCTGG	22093
3847	UUUUGUUG A UGUUGGCG	4973	CGCCAACA GGCTAGCTACAACGA CAACAAAA	22094
3871	UCUUUCAA A UGGCUUAU	4974	ATAAGCCA GGCTAGCTACAACGA TTGAAAGA	22095
3884	UUAUCACG A UGCCCGCC	4975	GGCGGCA GGCTAGCTACAACGA CGTGATAA	22096
3895	CCCGCCAA A UUCUGCUC	4976	GAGCAGAA GGCTAGCTACAACGA TTGGCGGG	22097
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4051	UGUACAGG A UACUGCUG	4990	CAGCAGTA GGCTAGCTACAACGA CCTGTACA	22111
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4072	UGGUCGGA A UAGGCAGC	4992	GCTGCCTA GGCTAGCTACAACGA TCCGACCA	22113
4084	GCAGCUUG A UCAGGGAG	4993	CTCCCTGA GGCTAGCTACAACGA CAAGCTGC	22114
4153	UAGCCUCA A CAGGACUU	4994	AAGTCCTG GGCTAGCTACAACGA TGAGGCTA	22115
4158	UCAACAGG A CUUUUCAA	4995	TTGAAAAG GGCTAGCTACAACGA CCTGTTGA	22116
4166	ACUUUUCA A CCCCAUGA	4996	TCATGGGG GGCTAGCTACAACGA TGAAAAGT	22117
4174	ACCCCAUG A UCCUUGCU	4997	AGCAAGGA GGCTAGCTACAACGA CATGGGGT	22118
4188	GCUGCUGG A CUGAUUGC	4998	GCAATCAG GGCTAGCTACAACGA CCAGCAGC	22119
4192	CUGGACUG A UUGCAUGU	4999	ACATGCAA GGCTAGCTACAACGA CAGTCCAG	22120
4202	UGCAUGUG A UCCCAACC	5000	GGTTGGGA GGCTAGCTACAACGA CACATGCA	22121
4208	UGAUCCCA A CCGUAAAC	5001	GTTTACGG GGCTAGCTACAACGA TGGGATCA	22122
4215	AACCGUAA A CGCGGAUG	5002	CATCCGCG GGCTAGCTACAACGA TTACGGTT	22123
4221	AAACGCGG A UGGCCCGC	5003	GCGGGCCA GGCTAGCTACAACGA CCGCGTTT	22124
4231	GGCCCGCA A CUGAAGUG	5004	CACTTCAG GGCTAGCTACAACGA TGCGGGCC	22125
4240	CUGAAGUG A UGACAGCU	5005	AGCTGTCA GGCTAGCTACAACGA CACTTCAG	22126
4243	AAGUGAUG A CAGCUGUC	5006	GACAGCTG GGCTAGCTACAACGA CATCACTT	22126
4258	UCGGCCUA A UGUUUGCC	5007	GGCAAACA GGCTAGCTACAACGA TAGGCCGA	22127

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4292	AGAGCUUG A CAUUGACU	5008	AGTCAATG GGCTAGCTACAACGA CAAGCTCT	22129
4298	UGACAUUG A CUCCAUGG	5009	CCATGGAG GGCTAGCTACAACGA CAATGTCA	22130
4315	CCAUUCCA A UGACUAUC	5010	GATAGTCA GGCTAGCTACAACGA TGGAATGG	22131
4318	UUCCAAUG A CUAUCGCG	5011	CGCGATAG GGCTAGCTACAACGA CATTGGAA	22132
4351	CUUUCGUG A UUUCUGGG	5012	CCCAGAAA GGCTAGCTACAACGA CACGAAAG	22133
4362	UCUGGGAA A UCAACAGA	5013	TCTGTTGA GGCTAGCTACAACGA TTCCCAGA	22134
4366	GGAAAUCA A CAGAUAUG	5014	CATATCTG GGCTAGCTACAACGA TGATTTCC	22135
4370	AUCAACAG A UAUGUGGA	5015	TCCACATA GGCTAGCTACAACGA CTGTTGAT	22136
4378	AUAUGUGG A UUGAGAGA	5016	TCTCTCAA GGCTAGCTACAACGA CCACATAT	22137
4387	UUGAGAGA A CGGCGGAC	5017	GTCCGCCG GGCTAGCTACAACGA TCTCTCAA	22138
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4412	GGAAAGUG A UGCAGAAA	5019	TTTCTGCA GGCTAGCTACAACGA CACTTTCC	22140
4420	AUGCAGAA A UUACAGGC	5020	GCCTGTAA GGCTAGCTACAACGA TTCTGCAT	22141
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4460	GCUUGAUG A UGAUGGAA	5023	TTCCATCA GGCTAGCTACAACGA CATCAAGC	22144
4463	UGAUGAUG A UGGAAACU	5024	AGTTTCCA GGCTAGCTACAACGA CATCATCA	22145
4469	UGAUGGAA A CUUCCAGC	5025	GCTGGAAG GGCTAGCTACAACGA TTCCATCA	22146
4484	GCUCAUGA A UGAUCCAG	5026	CTGGATCA GGCTAGCTACAACGA TCATGAGC	22147
4487	CAUGAAUG A UCCAGGAG	5027	CTCCTGGA GGCTAGCTACAACGA CATTCATG	22148
4507	CUUGGAAG A UAUGGAUG	5028	CATCCATA GGCTAGCTACAACGA CTTCCAAG	22149
4513	AGAUAUGG A UGCUCAGA	5029	TCTGAGCA GGCTAGCTACAACGA CCATATCT	22150
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4561	CCUGGGCA A UCUUGCCC	5032	GGGCAAGA GGCTAGCTACAACGA TGCCCAGG	22153
4581	GUAGUUGG A UUUUGGAU	5033	ATCCAAAA GGCTAGCTACAACGA CCAACTAC	22154
4588	GAUUUUGG A UAACUCUC	5034	GAGAGTTA GGCTAGCTACAACGA CCAAAATC	22155
4591	UUUGGAUA A CUCUCCAA	5035	TTGGAGAG GGCTAGCTACAACGA TATCCAAA	22156
4599	ACUCUCCA A UACACAAA	5036	TTTGTGTA GGCTAGCTACAACGA TGGAGAGT	22157
4628	GUUGUGGG A CACUCCCU	5037	AGGGAGTG GGCTAGCTACAACGA CCCACAAC	22158
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4666	GGGACACG A CCACCGGC	5039	GCCGGTGG GGCTAGCTACAACGA CGTGTCCC	22160
4684	UCUACAGG A UCAUGACU	5040	AGTCATGA GGCTAGCTACAACGA CCTGTAGA	22161
4690	GGAUCAUG A CUCGUGGG	5041	CCCACGAG GGCTAGCTACAACGA CATGATCC	22162
4732	CGGGCGUG A UGGUUGAA	5042	TTCAACCA GGCTAGCTACAACGA CACGCCCG	22163
4768	GGCAUACA A CAAAAGGA	5043	TCCTTTTG GGCTAGCTACAACGA TGTATGCC	22164
4786	CCGCUUUG A UGAGCGGA	5044	TCCGCTCA GGCTAGCTACAACGA CAAAGCGG	22165
4808	CCGCCUGG A CCCAUACU	5045	AGTATGGG GGCTAGCTACAACGA CCAGGCGG	22166
4835	CAAGGAGG A UCGACUUU	5046	AAAGTCGA GGCTAGCTACAACGA CCTCCTTG	22167
4839	GAGGAUCG A CUUUGUUA	5047	TAACAAAG GGCTAGCTACAACGA CGATCCTC	22168
4854	UACGGAGG A CCCUGGAA	5048	TTCCAGGG GGCTAGCTACAACGA CCTCCGTA	22169
4863	CCCUGGAA A UUGCAGCA	5049	TGCTGCAA GGCTAGCTACAACGA TTCCAGGG	22170
4880	CAAGUGGA A CGGGCAGG	5050	CCTGCCCG GGCTAGCTACAACGA TCCACTTG	22171
4889	CGGGCAGG A UGAGGUGC .	5051	GCACCTCA GGCTAGCTACAACGA CCTGCCCG	22172
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4925	UGGCAAGA A CGUUAAGA	5055	TCTTAACG GGCTAGCTACAACGA TCTTGCCA	22176
4934	CGUUAAGA A CGUCCAGA	5056	TCTGGACG GGCTAGCTACAACGA TCTTAACG	22177
4942	ACGUCCAG A CGAAACCA	5057	TGGTTTCG GGCTAGCTACAACGA CTGGACGT	22178
4947	CAGACGAA A CCAGGGGU	5058	ACCCCTGG GGCTAGCTACAACGA TTCGTCTG	22179
4963	UGUUCAAA A CACCUGAA	5059	TTCAGGTG GGCTAGCTACAACGA TTTGAACA	22180
4978	AAGGAGAA A UCGGGGCC	5060	GGCCCGA GGCTAGCTACAACGA TTCTCCTT	22181
4990	GGGCCGUG A CUUUGGAC	5061	GTCCAAAG GGCTAGCTACAACGA CACGGCCC	22182
4997	GACUUUGG A CUUCCCCA	5062	TGGGGAAG GGCTAGCTACAACGA CCAAAGTC	22183
5011	CCACUGGA A CAUCAGGC	5063	GCCTGATG GGCTAGCTACAACGA TCCAGTGG	22184
5026	GCUCACCA A UAGUGGAC	5064	GTCCACTA GGCTAGCTACAACGA TGGTGAGC	22185
5033	AAUAGUGG A CAAAAACG	5065	CGTTTTG GGCTAGCTACAACGA CCACTATT	22186
5039	GGACAAAA A CGGUGAUG	5066	CATCACCG GGCTAGCTACAACGA TTTTGTCC	22186
5045	AAACGGUG A UGUGAUUG	5067	CAATCACA GGCTAGCTACAACGA CACCGTTT	22188
5050	GUGAUGUG A UUGGGCUU	5068	AAGCCCAA GGCTAGCTACAACGA CACATCAC	22189
5066	UUAUGGCA A UGGAGUCA	5069	TGACTCCA GGCTAGCTACAACGA TGCCATAA	22190
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#### WO 02/068637 Table VI

			<u> </u>	
5077	GAGUCAUA A UGCCCAAC	5070	GTTGGGCA GGCTAGCTACAACGA TATGACTC	22191
5084	AAUGCCCA A CGGCUCAU	5071	ATGAGCCG GGCTAGCTACAACGA TGGGCATT	22192
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5122	GUGAAAGG A UGGAUGAG	5073	CTCATCCA GGCTAGCTACAACGA CCTTTCAC	22194
5126	AAGGAUGG A UGAGCCAA	5074	TTGGCTCA GGCTAGCTACAACGA CCATCCTT	22195
5134	AUGAGCCA A UCCCAGCC	5075	GGCTGGGA GGCTAGCTACAACGA TGGCTCAT	22196
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5151	GGAUUCGA A CCUGAGAU	5077	ATCTCAGG GGCTAGCTACAACGA TCGAATCC	+
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8410	UAGGAAGA A UGGAAAAA	5292	CTGGCTGG GGCTAGCTACAACGA CATATTCA	22412
8422	AAAAAGG A CCUGGAAG	5292	TTTTTCCA GGCTAGCTACAACGA TCTTCCTA	22413
8433	UGGAAGGG A CCCCAAUA		CTTCCAGG GGCTAGCTACAACGA CCTTTTTT	22414
8439	GGACCCCA A UACGAGGA	5294	TATTGGGG GGCTAGCTACAACGA CCCTTCCA	22415
8450	CGAGGAAG A UGUAAACU	5295	TCCTCGTA GGCTAGCTACAACGA TGGGGTCC	22416
8456		5296	AGTTTACA GGCTAGCTACAACGA CTTCCTCG	22417
<b></b>	AGAUGUAA A CUUGGGAA	5297	TTCCCAAG GGCTAGCTACAACGA TTACATCT	22418
8470	GAAGUGGA A CCAGGGCG	5298	CGCCCTGG GGCTAGCTACAACGA TCCACTTC	22419
8487	GUGGGAAA A CCCCUGCU	5299	AGCAGGGG GGCTAGCTACAACGA TTTCCCAC	22420
8498	CCUGCUCA A CUCAGACA	5300	TGTCTGAG GGCTAGCTACAACGA TGAGCAGG	22421
8504	CAACUCAG A CACCAGUA	5301	TACTGGTG GGCTAGCTACAACGA CTGAGTTG	22422
8515	CCAGUAAA A UCAAGAAC	5302	GTTCTTGA GGCTAGCTACAACGA TTTACTGG	22423
8522	AAUCAAGA A CAGGAUUG	5303	CAATCCTG GGCTAGCTACAACGA TCTTGATT	22424
8527	AGAACAGG A UUGAACGA	5304	TCGTTCAA GGCTAGCTACAACGA CCTGTTCT	22425
8532	AGGAUUGA A CGACUCAG	5305	CTGAGTCG GGCTAGCTACAACGA TCAATCCT	22426
8535	AUUGAACG A CUCAGGCG	5306	CGCCTGAG GGCTAGCTACAACGA CGTTCAAT	22427
8557	ACAGUUCG A CGUGGCAC	5307	GTGCCACG GGCTAGCTACAACGA CGAACTGT	22428
8570	GCACCACG A UGAGAACC	5308	GGTTCTCA GGCTAGCTACAACGA CGTGGTGC	22429
8576	CGAUGAGA A CCACCCAU	5309	ATGGGTGG GGCTAGCTACAACGA TCTCATCG	22430
8590	CAUAUAGA A CCUGGAAC	5310	GTTCCAGG GGCTAGCTACAACGA TCTATATG	
8597	AACCUGGA A CUAUCACG	5311	CGTGATAG GGCTAGCTACAACGA TCCAGGTT	22431
8615	CAGUUAUG A UGUGAAGC	5312	GCTTCACA GGCTAGCTACAACGA CATAACTG	22432
8651	GCUGGUCA A UGGAGUGG	5313	CCACTCCA GGCTAGCTACAACGA TGACCAGC	22433
8676	CUCUCAAA A CCAUGGGA	5314	TCCCATGG GGCTAGCTACAACGA TTTGAGAG	22434
8684	ACCAUGGG A CACCAUCA	5315	TGATGGTG GGCTAGCTACAACGA TTTGAGAG TGATGGTG GGCTAGCTACAACGA CCCATGGT	22435
8696	CAUCACGA A UGUUACCA	5316		22436
8716	UGGCCAUG A CUGACACU	5317	TGGTAACA GGCTAGCTACAACGA TCGTGATG	22437
		2317	AGTGTCAG GGCTAGCTACAACGA CATGGCCA	22438

		1	able VI	
8720	CAUGACUG A CACUACUC	5318	GAGTAGTG GGCTAGCTACAACGA CAGTCATG	22439
8765	GAAGGUGG A CACGAAAG	5319	CTTTCGTG GGCTAGCTACAACGA CCACCTTC	22440
8781	GCUCCUGA A CCGCCAGA	5320	TCTGGCGG GGCTAGCTACAACGA TCAGGAGC	22441
8810	CGUGCUCA A UGAGACCA	5321	TGGTCTCA GGCTAGCTACAACGA TGAGCACG	22442
8815	UCAAUGAG A CCACCAAC	5322	GTTGGTGG GGCTAGCTACAACGA CTCATTGA	22443
8822	GACCACCA A CUGGUUGU	5323	ACAACCAG GGCTAGCTACAACGA TGGTGGTC	22444
8853	AGAGAAAA A CGUCCCAG	5324	CTGGGACG GGCTAGCTACAACGA TTTTCTCT	22445
8863	GUCCCAGA A UGUGCUCU	5325	AGAGCACA GGCTAGCTACAACGA TCTGGGAC	22446
8880	CGAGAGGA A UUCAUAAG	5326	CTTATGAA GGCTAGCTACAACGA TCCTCTCG	22447
8897	AAAGGUCA A CAGCAAUG	5327	CATTGCTG GGCTAGCTACAACGA TGACCTTT	22448
8903	CAACAGCA A UGCAGCUU	5328	AAGCTGCA GGCTAGCTACAACGA TGCTGTTG	22449
8936	AGAGCAGA A UCAAUGGA	5329	TCCATTGA GGCTAGCTACAACGA TCTGCTCT	22450
8940	CAGAAUCA A UGGAGGAG	5330	CTCCTCCA GGCTAGCTACAACGA TGATTCTG	22451
8969	AGUUGAAG A UCCAAAAU	5331	ATTTTGGA GGCTAGCTACAACGA CTTCAACT	22452
8976	GAUCCAAA A UUUUGGGA	5332	TCCCAAAA GGCTAGCTACAACGA TTTGGATC	22453
8986	UUUGGGAG A UGGUGGAU	5333	ATCCACCA GGCTAGCTACAACGA CTCCCAAA	22454
8993	GAUGGUGG A UGAGGAGC	5334	GCTCCTCA GGCTAGCTACAACGA CCACCATC	22455
9024	CGGGGGA A UGUCACAC	5335	GTGTGACA GGCTAGCTACAACGA TCCCCCCG	22456
9044	CAUUUACA A CAUGAUGG	5336	CCATCATG GGCTAGCTACAACGA TGTAAATG	22457
9049	ACAACAUG A UGGGAAAG	5337	CTTTCCCA GGCTAGCTACAACGA CATGTTGT	22458
9069	GAGAAAAA A CCCGGAGA	5338	TCTCCGGG GGCTAGCTACAACGA TTTTTCTC	22459
9164	UUUUCUCA A UGAAGACC	5339	GGTCTTCA GGCTAGCTACAACGA TGAGAAAA	22460
9170	CAAUGAAG A CCACUGGC	5340	GCCAGTGG GGCTAGCTACAACGA CTTCATTG	22461
9191	AAGAAAGA A CUCAGGAG	5341	CTCCTGAG GGCTAGCTACAACGA TCTTTCTT	22462
9228	CUCCAAAA A CUGGGUUA	5342	TAACCCAG GGCTAGCTACAACGA TTTTGGAG	22463
9274	GGGCCAAG A UCUAUGCU	5343	AGCATAGA GGCTAGCTACAACGA CTTGCCCC	22464
9284	CUAUGCUG A UGACACAG	5344	CTGTGTCA GGCTAGCTACAACGA CAGCATAG	22465
9287	UGCUGAUG A CACAGCUG	5345	CAGCTGTG GGCTAGCTACAACGA CATCAGCA	22466
9302	UGGCUGGG A CACCCGCA	5346	TGCGGGTG GGCTAGCTACAACGA CCCAGCCA	22467
9323	GAGAGCUG A CUUGGAAA	5347	TTTCCAAG GGCTAGCTACAACGA CAGCTCTC	22468
9332	CUUGGAAA A UGAAGCUA	5348	TAGCTTCA GGCTAGCTACAACGA TTTCCAAG	22469
9359	GCUGCUUG A UGGGGAAC	5349	GTTCCCCA GGCTAGCTACAACGA CAAGCAGC	22470
9366	GAUGGGGA A CAUCGGCG	5350	CGCCGATG GGCTAGCTACAACGA TCCCCATC	22471
	UGAAAGUG A UGCGCCCG	5351	CGGGCGCA GGCTAGCTACAACGA CACTTTCA	22472
9443	GGCUGCUG A UGGAAGAA	5352	TTCTTCCA GGCTAGCTACAACGA CAGCAGCC	22473
9461	AUGGAAGA A CCGUCAUG	5353	CATGACGG GGCTAGCTACAACGA TCTTCCAT	22474
9479	CGUCAUGG A UGUUAUCU CAGAGAAG A UCAGAGGG	5354	AGATAACA GGCTAGCTACAACGA CCATGACG	22475
9495	GGGAGUGG A CAAGUUGU	5355	CCCTCTGA GGCTAGCTACAACGA CTTCTCTG	22476
9518	CGCCCUAA A CACUUUCA	5356 5357	ACAACTTG GGCTAGCTACAACGA CCACTCCC	22477
9530	UUUCACCA A CCUGGCCG		TGAAAGTG GGCTAGCTACAACGA TTAGGGCG	22478
9553	UGGUGAGG A UGAUGGAA	5358 5359	CGGCCAGG GGCTAGCTACAACGA TGGTGAAA	22479
9556	UGAGGAUG A UGGAAGGG		TTCCATCA GGCTAGCTACAACGA CCTCACCA	22480
9574	AAGGAGUG A UUGGCCCA	5360 5361	CCCTTCCA GGCTAGCTACAACGA CATCCTCA	22481
9584	UGGCCCAG A UGAUGUGG	5362	TGGGCCAA GGCTAGCTACAACGA CACTCCTT	22482
9587	CCCAGAUG A UGUGGAGA	5362	CCACATCA GGCTAGCTACAACGA CTGGGCCA	22483
9597	GUGGAGAA A CUCACAAA	5364	TCTCCACA GGCTAGCTACAACGA CATCTGGG TTTGTGAG GGCTAGCTACAACGA TTCTCCAC	22484
9615	GGGAAAGG A CCCAAAGU	5365	ACTITIGGG GGCTAGCTACAACGA TTCTCCAC	22485
9628	AAGUCAGG A CCUGGCUG	5366	CAGCCAGG GGCTAGCTACAACGA CCTTTCCC	22486
9644	GUUUGAGA A UGGGGAAG	5367	CTTCCCCA GGCTAGCTACAACGA CCTGACTT CTTCCCCA GGCTAGCTACAACGA TCTCAAAC	22487
9657	GAAGAAAG A CUCAGCCG	5368	CGGCTGAG GGCTAGCTACAACGA TCTCAAAC	22488
9683	CAGUGGAG A UGACUGUG	5369	CACAGTCA GGCTAGCTACAACGA CTCCACTG	22489
9686	UGGAGAUG A CUGUGUGG	5370	CCACACAG GGCTAGCTACAACGA CATCTCCA	22490
9707	GCCCCUGG A CGAUCGCU	5371	AGCGATCG GGCTAGCTACAACGA CCAGGGGC	22491
9710	CCUGGACG A UCGCUUUG	5372	CAAAGCGA GGCTAGCTACAACGA CGTCCAGG	22492
9740	CUUCCUCA A UGCUAUGU	5373	ACATAGCA GGCTAGCTACAACGA TGAGGAAG	22493
9764	UCGCAAAG A CAUCCAAG	5374	CTTGGATG GGCTAGCTACAACGA CTTTGCGA	22494
9780	GAGUGGAA A CCGUCAAC	5375	GTTGACGG GGCTAGCTACAACGA CTTTGCGA	22495
9787	AACCGUCA A CUGGAUGG	5376	CCATCCAG GGCTAGCTACAACGA TTCCACTC	22496
9792	UCAACUGG A UGGUAUGA	5377	TCATACCA GGCTAGCTACAACGA TGACGGTT TCATACCA GGCTAGCTACAACGA CCAGTTGA	22497
9800	AUGGUAUG A UUGGCAGC	5378	GCTGCCAA GGCTAGCTACAACGA CATACCAT	22498
9827	UUGCUCAA A CCAUUUCA	5379	TGAAATGG GGCTAGCTACAACGA TTGAGCAA	22499
			COUTABETACAACAA TIGAGCAA	22500

9840	UUCACUGA A UUGAUCAU	5380	ATGATCAA GGCTAGCTACAACGA TCAGTGAA	22501
9844	CUGAAUUG A UCAUGAAA	5381	TTTCATGA GGCTAGCTACAACGA CAATTCAG	22502
9854	CAUGAAAG A UGGAAGAA	5382	TTCTTCCA GGCTAGCTACAACGA CTTTCATG	22503
9862	AUGGAAGA A CACUGGUG	5383	CACCAGTG GGCTAGCTACAACGA TCTTCCAT	22504
9885	UGCCGAGG A CAGGAUGA	5384	TCATCCTG GGCTAGCTACAACGA CCTCGGCA	22505
9890	AGGACAGG A UGAAUUGG	5385	CCAATTCA GGCTAGCTACAACGA CCTGTCCT	22506
9894	CAGGAUGA A UUGGUAGG	5386	CCTACCAA GGCTAGCTACAACGA TCATCCTG	22507
9930	GGGGCCGG A UGGAACGU	5387	ACGTTCCA GGCTAGCTACAACGA CCGGCCCC	22508
9935	CGGAUGGA A CGUCCGCG	5388	CGCGGACG GGCTAGCTACAACGA TCCATCCG	22509
9944	CGUCCGCG A CACUGCUU	5389	AAGCAGTG GGCTAGCTACAACGA CGCGGACG	22510
9976	AUGCCCAG A UGUGGCUG	5390	CAGCCACA GGCTAGCTACAACGA CTGGGCAT	22511
10007	CAGAAGAG A CCUGCGGC	5391	GCCGCAGG GGCTAGCTACAACGA CTCTTCTG	22512
10025	CAUGGCCA A CGCCAUUU	5392	AAATGGCG GGCTAGCTACAACGA TGGCCATG	22513
10052	CCCUGUGA A UUGGGUCC	5393	GGACCCAA GGCTAGCTACAACGA TCACAGGG	22514
10072	CCGGAAGA A CCACGUGG	5394	CCACGTGG GGCTAGCTACAACGA TCTTCCGG	22515
10105	GAGAGUGG A UGACAACA	5395	TGTTGTCA GGCTAGCTACAACGA CCACTCTC	22516
10108	AGUGGAUG A CAACAGAG	5396	CTCTGTTG GGCTAGCTACAACGA CATCCACT	22517
10111	GGAUGACA A CAGAGGAC	5397	GTCCTCTG GGCTAGCTACAACGA TGTCATCC	22518
10118	AACAGAGG A CAUGUUGG	5398	CCAACATG GGCTAGCTACAACGA CCTCTGTT	22519
10136	GGUCUGGA A CCGUGUUU	5399	AAACACGG GGCTAGCTACAACGA TCCAGACC	22520
10147	GUGUUUGG A UAGAGGAG	5400	CTCCTCTA GGCTAGCTACAACGA CCAAACAC	22521
10157	AGAGGAGA A UGAAUGGA	5401	TCCATTCA GGCTAGCTACAACGA TCTCCTCT	22522
10161	GAGAAUGA A UGGAUGGA	5402	TCCATCCA GGCTAGCTACAACGA TCATTCTC	22523
10165	AUGAAUGG A UGGAAGAC	5403	GTCTTCCA GGCTAGCTACAACGA CCATTCAT	22523
10172	GAUGGAAG A CAAAACCC	5404	GGGTTTTG GGCTAGCTACAACGA CTTCCATC	<del></del>
10177	AAGACAAA A CCCCAGUG	5405	CACTGGGG GGCTAGCTACAACGA TTTGTCTT	22525
10191	GUGGAGAA A UGGAGUGA	5406	TCACTCCA GGCTAGCTACAACGA TTCTCCAC	22526
10199	AUGGAGUG A CGUCCCAU	5407	ATGGGACG GGCTAGCTACAACGA CACTCCAT	
10218	UCAGGAAA A CGAGAGGA	5408	TCCTCTCG GGCTAGCTACAACGA TTTCCTGA	22528
10226	ACGAGAGG A CAUCUGGU	5409	ACCAGATG GGCTAGCTACAACGA CCTCTCGT	22529
10246	GCAGCCUG A UUGGCACA	5410	TGTGCCAA GGCTAGCTACAACGA CAGGCTGC	22530
10280	GGCAGAAA A CAUCCAGG	5411	CCTGGATG GGCTAGCTACAACGA TTTCTGCC	22531
10298	GGCUAUCA A CCAAGUCA	5412	TGACTTGG GGCTAGCTACAACGA TGATAGCC	22532
10312	UCAGAGCA A UCAUCGGA	5413	TCCGATGA GGCTAGCTACAACGA TGCTCTGA	22533
10322	CAUCGGAG A UGAGAAGU	5414	ACTTCTCA GGCTAGCTACAACGA CTCCGATG	22534
10337	GUAUGUGG A UUACAUGA	5415	TCATGTAA GGCTAGCTACAACGA CCACATAC	22535
10359	CUAAAGAG A UAUGAAGA	5416	TCTTCATA GGCTAGCTACAACGA CTCTTTAG	22536
10367	AUAUGAAG A CACAACUU	5417	AAGTTGTG GGCTAGCTACAACGA CTTCATAT	22537
10372	AAGACACA A CUUUGGUU	5418	AACCAAAG GGCTAGCTACAACGA TGTGTCTT	22538
10385	GGUUGAGG A CACAGUAC	5419	GTACTGTG GGCTAGCTACAACGA CCTCAACC	22540
10399	UACUGUAG A UAUUUAAU	5420	ATTAAATA GGCTAGCTACAACGA CTACAGTA	
10406	GAUAUUUA A UCAAUUGU	5421	ACAATTGA GGCTAGCTACAACGA TAAATATC	22541
10410	UUUAAUCA A UUGUAAAU	5422	ATTTACAA GGCTAGCTACAACGA TGATTAAA	22542
10417	AAUUGUAA A UAGACAAU	5423	ATTGTCTA GGCTAGCTACAACGA TTACAATT	+
10421	GUAAAUAG A CAAUAUAA	5424	TTATATTG GGCTAGCTACAACGA CTATTTAC	22544
10424	AAUAGACA A UAUAAGUA	5425	TACTTATA GGCTAGCTACAACGA TGTCTATT	22545
10480	UAGUGUAA A UAGUUAAG	5426	CTTAACTA GGCTAGCTACAACGA TTACACTA	22546
10492	UUAAGAAA A UUUUGAGG	5427	CCTCAAAA GGCTAGCTACAACGA TTTCTTAA	22547
10544	UUGAGUAG A CGGUGCUG	5428	CAGCACCG GGCTAGCTACAACGA CTACTCAA	22548
10559	UGCCUGCG A CUCAACCC	5429	GGGTTGAG GGCTAGCTACAACGA CGCAGGCA	22549
10564	GCGACUCA A CCCCAGGA	5430	TCCTGGGG GGCTAGCTACAACGA TGAGTCGC	22550
10575	CCAGGAGG A CUGGGUGA	5431	TCACCCAG GGCTAGCTACAACGA CCTCCTGG	22551
10584	CUGGGUGA A CAAAGCCG	5432	CGGCTTTG GGCTAGCTACAACGA TCACCCAG	22552
10600	GCGAAGUG A UCCAUGUA	5433	TACATGGA GGCTAGCTACAACGA CACTTCGC	22553
10619	CCCUCAGA A CCGUCUCG	5434	CGAGACGG GGCTAGCTACAACGA CACTTCGC	22554
10636	GAAGGAGG A CCCCACAU	5435	ATGTGGGG GGCTAGCTACAACGA TCTGAGGG	22555
10651	AUGUUGUA A CUUCAAAG	5436		22556
10664	AAAGCCCA A UGUCAGAC	5437	CTTTGAAG GGCTAGCTACAACGA TACAACAT	22557
10671	AAUGUCAG A CCACGCUA	5438	GTCTGACA GGCTAGCTACAACGA TGGGCTTT	22558
10713	AGUCUGCG A UAGUGCCC	5439	TAGCGTGG GGCTAGCTACAACGA CTGACATT	22559
10729	CCAGGAGG A CUGGGUUA	5440	GGGCACTA GGCTAGCTACAACGA CGCAGACT	22560
10738	CUGGGUUA A CAAAGGCA	5441	TAACCCAG GGCTAGCTACAACGA CCTCCTGG	22561
	and the second	2547	TGCCTTTG GGCTAGCTACAACGA TAACCCAG	22562

10748	AAAGGCAA A CCAACGCC	5442	GGCGTTGG GGCTAGCTACAACGA TTGCCTTT	22563
10752	GCAAACCA A CGCCCCAC	5443	GTGGGGCG GGCTAGCTACAACGA TGGTTTGC	22564
10779	CCCCGGUA A UGGUGUUA	5444	TAACACCA GGCTAGCTACAACGA TACCGGGG	22565
10788	UGGUGUUA A CCAGGGCG	5445	CGCCCTGG GGCTAGCTACAACGA TAACACCA	22566
10802	GCGAAAGG A CUAGAGGU	5446	ACCTCTAG GGCTAGCTACAACGA CCTTTCGC	22567
10819	UAGAGGAG A CCCCGCGG	5447	CCGCGGGG GGCTAGCTACAACGA CTCCTCTA	22568
10851	CCAGCCUG A CUGAAGCU	5448	AGCTTCAG GGCTAGCTACAACGA CAGGCTGG	22569
10876	GGGGAAGG A CUAGAGGU	5449	ACCTCTAG GGCTAGCTACAACGA CCTTCCCC	22570
10893	UAGUGGAG A CCCCGUGC	5450	GCACGGG GGCTAGCTACAACGA CTCCACTA	22571
10908	GCCACAAA A CACCACAA	5451	TTGTGGTG GGCTAGCTACAACGA TTTGTGGC	22572
10916	ACACCACA A CAAAACAG	5452	CTGTTTTG GGCTAGCTACAACGA TGTGGTGT	22573
10921	ACAACAAA A CAGCAUAU	5453	ATATGCTG GGCTAGCTACAACGA TTTGTTGT	22574
10932	GCAUAUUG A CACCUGGG	5454	CCCAGGTG GGCTAGCTACAACGA CAATATGC	22575
10941	CACCUGGG A UAGACUAG	5455	CTAGTCTA GGCTAGCTACAACGA CCCAGGTG	22576
10945	UGGGAUAG A CUAGGAGA	5456	TCTCCTAG GGCTAGCTACAACGA CTATCCCA	22577
10953	ACUAGGAG A UCUUCUGC	5457	GCAGAAGA GGCTAGCTACAACGA CTCCTAGT	22578
10970	UCUGCACA A CCAGCCAC	5458	GTGGCTGG GGCTAGCTACAACGA TGTGCAGA	22579
10995	GUGCGCCG A CAAUGGUG	5459	CACCATTG GGCTAGCTACAACGA CGGCGCAC	22580
10998	CGCCGACA A UGGUGGCU	5460	AGCCACCA GGCTAGCTACAACGA TGTCGGCG	22581
11019	GUGCGAGA A CACAGGAU	5461	ATCCTGTG GGCTAGCTACAACGA TCTCGCAC	22582

Input Sequence = AF196835. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835 West Nile virus strain NY99-flamingo382-99, complete
genome

Table VII: WNV Amberzyme and Target Sequence

Table VII

Pos	Substrate	ged ID	Ribozyme	Rz Seq
6	AGUAGUUC G CCUGUGUG	3462	CACACAGG GGA GCCGHIIAGGC HCCCTHICAAGGA GCCGHIIAGG HCCCCC CAAGHIAGT	77562
13		3463	GGB GCCGIIIAGCC IICCCGIIICAAGCA GCCGGGGGGGC	22583
15	UCGCCUGU G HGAGCHGA	3464	CON COCCUITY OF THOUSANDS COCCUITY CO.	22584
19	CUGUGUGA G CUGACAAA	3465	CON COCCUMINGO HOCKEROANEGA GCCGUDAGGC UCCGGG	22585
32	CAAACHITA C HACHCHIT	3766	dan decembrate occentrates accentrates uccased	22586
2 2	ACTITACITY O TRAINING	3460	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22587
12		10#0	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22588
	000	3468	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22589
;	e day	3469	GCCGUUAGGC	22590
2	0 0	3470	AGCUCGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUUAA	22591
89	G CGA	3471	GCCGUUAGGC UCCCUUCAAGGA	22592
2	D CO	3472		22593
22	o dag	3473	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC	22594
83		3474	gg.	22595
2,	AUCUCGAU G UCUAAGAA	3475	GGA GCCGUUAGGC UCCCUUCAAGGA	22596
117	CCAGGAGG G CCCGGCAA	3476	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22597
122	AGGGCCCG G CAAGAGCC	3477	GGCUCUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGCCCU	22598
128		3478	GGA GCCGUUAGGC UCCCUUCAAGGA	22599
133	AGAGCCGG G CUGUCAAU	3479	GGA GCCGUUAGGC UCCCUUCAAGGA	22600
136		3480	UCCGGG	22601
144		3481	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22602
727	e Cegr	3482	gg	22603
2   3	- 1	3483	GGA	22604
104	9 CG0G	3484	GGA	22605
166	g ugur	3485	GGA	22606
897	ccccecen e mencenn	3486	GGA GCCGUUAGGC UCCCUUCAAGGA	22607
7/7		3487	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22608
122	- 1	3488	GGA GCCGUUAGGC UCCCUUCAAGGA	22609
202	AGGCOAD G UNGAGCCU	3489	<b>§</b>	22610
215	ONITIONAL G CCUGAUCG	3490	<b>8</b> 9	22611
3 9	GAUCGACG G CAAGGGGC	3491	GGA	22612
222	GGCAAGGG G CCAAUACG	3492	GGA GCCGUUAGGC	22613
555	OACGAUUU G UGUUGGCU	3493	GGA GCCGUUAGGC	22614
150	CGAUUUGU G UUGGCUCU	3494	GGA GCCGUUAGGC	22615
1 5	CUCUCADA & CUCUCADA	3495	GGA GCCGUUAGGC	22616
250	COCOCOO & COOCOOC	3496	GCCGUUAGGC UCCCUUCAAGGA	22617
	COCOOREC & OOCOOCAG	3497	CUGAAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAAGAG	22618

M	
Table	

		-	GUGGGG COGAAGA GCCGOOAGGC OCCCOOCAAGGA GCCGOOAGGC OCCGGG COGAAGAA	22619
	ປົ ຍ	3499	AGCAAUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAACC	22620
١	ទ	3500	GGUCGGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUGCUG	22621
-	CGACCCGA G CAGUGCUG	3501	CAGCACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGGGUCG	22622
	CCCGAGCA G UGCUGGAU	3502	GGA GCCGUUAGGC	22623
	ဗ ဗ	3503	GGA GCCGUUAGGC	22624
	e de	3504	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22625
	g ug	3505	GGA GCCGUUAGGC UCCCUUCAAGGA	22626
	ပြု	3506	GGA GCCGUUAGGC	22627
_		3507	GGA GCCGUUAGGC	22628
1	CUUGACCA G UGCUAUCA	3508		22629
1	UGACCAGU G CUAUCAAU	3509	ł	22630
1		3510	GAGCUCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUGAU	22631
	UCGGCGGA G CUCAAAAC	3511	GUUUUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGCCGA	22632
	CCGGAAUU G CAGUCAUG	3512	CAUGACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCCGG	22633
	S O	3513	gg.	22634
]	CAUGAUUG G CCUGAUCG	3514	GGA GCCGUUAGGC	22635
	ටි ල	3515	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22636
		3516	CUCCUACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGAUC	22637
		3517	UGCUCCUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGGCGA	22638
		3518	GGUAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUACGC	22639
]		3519	GGA GCCGUUAGGC	22640
1	AAGGGAAG G UGAUGAUG	3520	GGA GCCGUUAGGC	22641
]	5	3521	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22642
	9	3522	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22643
		3523	GGA GCCGUUAGGC	22644
1	0	3524	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22645
1	UUCCAACA G CUGCUGGA	3525	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22646
1		3526	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22647
1	. 1.	3527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22648
1		3528	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22649
		3529	GGA GCCGUUAGGC	22650
1	CAAUGGAU G UGGGAUAC	3530	GGA GCCGUUAGGC UCCCUUCAAGGA	22651
	GGAUACAU G UGCGAUGA	3531	GGA GCCGUUAGGC	22652
		3532	GGA GCCGUUAGGC	22653
		3533	GGA GCCGUUAGGC	22654
1		3534	GGA GCCGUUAGGC	22655
	Vaccenat a cuaveage	3535	GGA GCCGUUAGGC	22656
٦	CCAGUGCU G UCGGCUGG	3536	GGA GCCGUUAGGC	22657
	JECUGUCG G CUGGUAAU	3537	AUUACCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACAGCA	2265R

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22659	22660	22661	22662	22663	22664	22665	22666	22667	22668	22669	22670	22671	22672	22673	22674	22675	22676	22677	22678	22679	22680	22681	22682	22683	22684	22685	22686	22687	22688	22689	22690	22691	22692	22693	22694	22695	22696	22697	22698
UCCGGG CAGCCGAC	UCCGGG AGUCGAUG	GGG CAACAGUC	GGG ACCAACAG	UCCEGG UUUGUGCA	uccese usacumo	GGG UGCUGACU	GGG GUAGACUG	GGG CUGACGUA	UCCGGG AUCUUCCA	ucceee eneucane	GGG GUCUUGAG	ucceed ucceucuu	ucceee cucceacu	GGG UGUCAGUG	GGG ACUGUCAG	ucceae unucucce	GGG UAGAGUGC	agg ccccuucu		sag cuucaugo	see concoecc	GGG CAAAUACC	SGG AUAUCCAG	1 1	3GG CACCAGGG	3GG UGCCACCA	see eecuecca	UCCGGG CAAUGACG	3GG AUCCAACC	see ucccaage	see Augeuguu	uccese ucucuaca	3GG AACUCUCU	3GG ACAACUCU	3GG AAACACAA		GG ACGACAAA	SGG AAUAGCAC	3GG CAAAAGCA
GCCGUUAGGC UCC	1	GCCGUVAGGC UCCGGG	accevvagec vccaga	accentivadec ucc	accautage ucc	accountage uccaga	GCCGUUAGGC UCCGGG	accavinagac uccaga	GCCGUUAGGC UCC	accountage ucc	accentrage uccase	GCCGUUAGGC UCC	GCCGUUAGGC UCC	acceuvage uccage	accennage uccage	accennage ucc	acceuvagec uccege	GCCGUUAGGC UCCGGG	acceuvage uccege	GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG	accennagec uccege	GCCGUUAGGC UCCGGG	accennage ucceed			GCCGUUAGGC UCCGGG		accennagec uccege	GCCGUUAGGC UCC	GCCGUUAGGC UCCGGG	accountage occasa	accavinadac uccada	accentrage occess	accennagge uccagg	GCCGUUAGGC UCCGGG	GCCGUUAGGC UCCGGG
UCCCUUCAAGGA		UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA		UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	ucccuucaagga	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA		1				1 1	- 1		. 1			UCCCUUCAAGGA	L.J			UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA
GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	gga gccgunaggc	dda gccguuaggc		GGA GCCGUUAGGC	GGA GCCGUUAGGC	gga gccguuaggc	GGA GCCGUUAGGC	GGA GCCGUUAGGC	l i	gga gccguuaggc	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC			1		- 1			- 1	- 1	- 1		GGA GCCGUUAGGC	GGA GCCGUUAGGC				GGA GCCGUUAGGC	GGA GCCGUUAGGC
GAUCAUUA	UGCACCAA	UUUGUGCA	ACUUUGUG	ACUGCUGA	GUAGACUG	GACGUAGA	AUACCUGA	CUUCCAUA	ncandeade	UUGAGUGG	UCCGACUG	ACCUCCGA	GUCAGUGA	UGUCUGCA	ививисив	CUAGAGUG	condince	CAUCCAAG	CCUUGGUG	cconenge	ACCAAAUA	UGUUUUA	CACCAGGG	GGCUGCCA	GACGGCUG	AAUGACGG	ACCAAUGA	GCAUCCAA	CUCCCAAG	uceucuuc				- 1	- 1	CAAUAGCA	AGCAAUAG	ACCAAAAG	UGGGGCCA (
3538	3539	3540	3541	3542	3543	3544	3545	3546	3547	3548	3549	3550	3551	3552	3553	3554	3555	3556	3557	3558	3559	3560	3561	3562	3563	3564	3565	3566	3567	3568	3569	3570	3571	3572	3573	3574	3575	3576	3577
GUCGGCUG G VAAUGAUC	CAUCGACU G UUGGUGCA	9 0	CUGUUGGU G CACAAAGU		CAAAGUCA G CAGUCUAC	AGUCAGCA G UCUACGUC	20	S C	ට්	CAAGACAC G CCACUCAA	CUCAAGAC G CAGUCGGA	AAGACGCA G UCGGAGGU	AGUCGGAG G UCACUGAC	g D	ქ ი	Š	GCACUCUA G CGAACAAG	AGAAGGGG G CUUGGAUG	GAUGGACA G CACCAAGG	9	d UA	e de	CUGGAVAU G CCCUGGUG	AUGCCCUG G UGGCAGCC			ဗ	g dq		GCUUGGGA G CAACACCA	AACACCAU G CAGAGAGU	UGCAGAGA G UUGUGUUU	0 UG		UDGUGUUU G UCGUGCUA	UGUINGUC G UGCUAUUG	ည် ဗ	5 0	UGCUTUTUG G UGGCCCCA
641	999	699	671	678	682	685	691	969	707	719	731	734	741	751	753	770	778	793	908	814	822	829	868	874	877	88	883	200	897	S S	915	922	325	927	931	934	936	942	949

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95.9		35/8	GEA GUCGUUAGGU UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22699
250		35/3	GGA GCCGDDAGGC UCCCDDCAAGGA GCCGDDAGGC UCCGGG	22700
000		3580	GGA GCCGUUAGGC	22701
9/8		3581	GGA GCCGUUAGGC	22702
986	- 1	3582	CUCUGING GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUCCA	22703
1009		3583	UCCAGACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCCA	22704
1011		3584	GGA	22705
1018		3585	GGA GCCGUUAGGC UCCCUUCAAGGA	22706
1027	5	3586		22707
1036	- 1	3587	UUCGAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUCCA	22708
1046		3588	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22709
1052	AGGCGACA G CUGCGUGA	3589	UCACGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCGCCU	22710
1055		3590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22711
1057	ACAGCUGC G UGACUAUC	3591	GGA GCCGUUAGGC	22712
1068	- 1	3592	UCCUUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUAGU	22713
1080		3593	AUGGUAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCCUU	22714
1093		3594	CAUCTUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGAUGG	22715
1114		3595	GUUGACCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAUAU	22716
1117	UGGAGGCG G UCAACCUG	3596	CAGGUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCCA	22717
1126		3597	GACCUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUUGA	22718
1132	- 1	3598	ACUGCGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGCCA	22719
1136	ව් ප	3599	AAUAACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGACCUCU	22720
1139	티	3600	AGCAAUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGACC	22721
1145	CAGUUAUU G CUAUUUGG	3601	CCAAAUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUAACUG	22722
1153	GCUAUTUG G CUACCGUC	3602	GGA GCCGUUAGGC UCCCUUCAAGGA	22723
1159	8	3603	GGA GCCGUUAGGC	22724
1163	ဗ	3604		22725
1180	8	3605	GGA GCCGUUAGGC UCCCUUCAAGGA	22726
1183	ဗ ဗ	3606	GGA GCCGUUAGGC	22727
1185	AAAGCUGC G UGCCCGAC	3607	GGA GCCGUUAGGC	22728
1187	AGCUGCGU G CCCGACCA	3608		22729
1204	8	3609	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22730
1220	9	3610	GGA	22731
1222	이	3611	GGA	22732
1231	CUGACCCA G CUUTUGUG	3612	CACAAAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGUCAG	22733
1237	CAGCUTUT G UGUGCAGA	3613	UCUGCACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAGCUG	22734
1239	GCUUUUGU G UGCAGACA	3614	UGUCUGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAAAGC	22735
1241	S O	3615	CUUGUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACAAAA	22736
1252		3616	€gy	22737
1255	AAGGAGUG G UGGACAGG	3617	CCUGUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCUU	22738

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1265	g CUC	3618	UGCCCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUGUCC	22739
1271	GGGCUGGG G CAACGGCU	3619	CCCAGCCC	22740
1277		3620	uccese cenueccc	22741
1280	CAACGGCU G CGGAUUAU	3621	AGCCGUUG	22742
1292	G CAA	3622	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUAAU	22743
1301		3623	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUUUG	22744
1313	O	3624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUGUCA	22745
1315	g CCA	3625	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG GCAUGUGU	22746
1324	o۱	3626	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUUUGG	22747
1328	9 G	3627	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAAAU	22748
1339	CUACCAAG G CAAUAGGA	3628	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGUAG	22749
1374	AAUAUCAA G UACGAAGU	3629	ACTUCGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUAUU 22	22750
1381	g	3630	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUACU	22751
1384		3631	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUCGU	22752
1393	D D	3632	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAAUGG	22753
1411	g ugg	3633	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAGUUG	22754
1416	ACUGUGGA G UCGCACGG	3634	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACAGU	22755
1419	GUGGAGUC G CACGGAAA	3635	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUCCAC	22756
1441	g und	3636	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUGUGG	22757
1447	g S S S	3637	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACCU	22758
1456	G CAG	3638	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGAGUGG	22759
1469	G CAU	3639	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAUCUC	22760
1480	UCACUCCU O CGGCGCCU	3640	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAGUGA	22761
1483	CUCCUGCG G CGCCUUCA	3641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGGAG	22762
1485	5 5 5 6	3642	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCAGG	22763
1503	0	3643	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGUGU	22764
1522		3644	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCCAU	22765
1528	AGGOGACA G UGGACUGU	3645	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCACCU	22766
1000	AGUGGACU & UGAACCAC	3646	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCACU	22767
10,00	GAACCACG & UCAGGGAU	3647	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGUUC	22768
1264	G CAU	3648	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGGUGU	22769
15/3	G UGA	3649	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAGUAUG	22770
1582	9 20 0	3650	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCAUCA	22771
1596	ACAAAGAC G UUCUUGGU	3651	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUUUGU	22772
1603	cenucine e uccauceu	3652	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAACG	22773
1610		3653	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGACC	22774
1614		3654	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACGAUG	22775
1617	G UUC	3655	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCACG	22776
1643	G CAGE	3656	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAAGGG	22777
1646	UUGGAGCA G UGCUGGAA	3657	UUCCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCCAA 22	22778

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9		UCCGGG	22780
G UGU	3660	UCCGGG	22781
AGUACUGU G UGGAGGAA	3661	UUCCUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGUACU	22782
G UUA		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22783
BB 8	3663	UCCUCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUUAA	22784
AACCACAC G CCACGAAG	1	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22785
50	1	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22786
2	7	SS.	22787
G UGA	3667	VGCVAVCA GGA GCCGVVAGGC VCCCVVCAAGGA GCCGVVAGGC VCCGGG AGACVGCV	22788
g CAU	3668	GGA GCCGUUAGGC UCCCUUCAAGGA	22789
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G CUC	3670	UCCCUUCAAGGA	22791
G CAU	3671	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22792
0	3672	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22793
o Cuga	3673	GGA	22794
	3674	GGA	22795
	3675	AAAUUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAAUGG	22796
AUTUTICAA G CAACACUG	3676	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22797
	3677	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22798
- 1	3678	GACGUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACAGU	22799
	3679	GGA	22800
	3680		22801
D DGU	3681	GGA GCCGUUAGGC	22802
	3682	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22803
G UGA	3683	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22804
	3684	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22805
AAAUUGCA G UUGAAGGG	3685	GGA GCCGUUAGGC UCCCUUCAAGGA	22806
	3686	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22807
	3687	GGA GCCGUUAGGC	22808
g nac	3688	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22809
G CUTT	3689	GGA GCCGUUAGGC	22810
0 1200	3690		22811
	3691	GGA GCCGUUAGGC UCCCUUCAAGGA	22812
AGACACAG G UCACGGCA	3692	UGCCGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUGUCU	22813
O CACL	3693	GGA	22814
G UGGL	3694	CAACACCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGCCGU	22815
0	3692	UUCCAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAGUGC	22816
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1950	GAAUUGCA G UACACUGG	3698	CCAGUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAAUTIC	22819
1958	GUACACUG G CACGGAUG	3699	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22820
1973	ව් ප	3700	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22821
1978	CUUGCAAA G UUCCUAUC	3701	GAUAGGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCAAG	22822
1989	ccuaucuc a ucaguage	3702	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22823
1993	UCUCGUCA G UGGCUUCA	3703	GGA GCCGUUAGGC	22824
1996	g G	3704		22825
2016	ပ္ပ	3705	GGA	22826
2020	o O	3706	UCUGCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUUA	22827
2024	G CA	3707	CCAAUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACUGGC	22828
2032	G UC	3708	GACAGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCUGC	22829
2038		3709	AGGGUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGACCA	22830
2050	ACCCUUUU G UUUCAGUG	3710	GGA GCCGUUAGGC UCCCUUCAAGGA	22831
2056	WGWWCA G WGGCCACG	3711	GGA GCCGUUAGGC UCCCUUCAAGGA	22832
2059	미	3712	GGA GCCGUUAGGC	22833
2065	ပ ပ	3713	ega eccentrage ucconveraga eccentrage uccage	22834
7	o Cd	3714	GGA GCCGUUAGGC	22835
2077		3715	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22836
2119	CAUACAUA G UGGUGGGC	3716	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22837
2122	D D	3717	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22838
2126	5	3718	GGA GCCGUUAGGC UCCCUUCAAGGA	22839
2157	5	3719	GGA GCCGUUAGGC	22840
	D D D	3720	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22841
2171	GUCUGGAA G CAGCAUUG	3721	GGA GCCGUUAGGC UCCCUUCAAGGA	22842
2174	UGGAAGCA G CAUUGGCA	3722	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22843
2180	5	3723	GGA GCCGUDAGGC UCCCUUCAAGGA	22844
2185	- 1	3724	GGA GCCGUUAGGC UCCCUUCAAGGA	22845
2209	0	3725	ega eccentrage ucconcarega eccentrage uccege	22846
-		3726	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22847
2221	AGAGACUA G CCGCUCUA	3727	GGA GCCGUUAGGC	22848
2224		3728	GGA GCCGUUAGGC	22849
2239		3729	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	22850
2257	B	3730	GGA GCCGUUAGGC	22851
ا و	o ug	3731		22852
2268	σ	3732	GGA GCCGUUAGGC	22853
2278	UCACCUCA G UUGGGAAG	3733	GGA	22854
2287	UVGGGAAG G CUGUCCAU	3734	GGA GCCGUUAGGC UCCCUUCAAGGA	22855
2290	GGAAGGCU G UCCAUCAA	3735	UUGAUGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCUUCC	22856
2299	UCCAUCAA G UGUUCGGA	3736	GG.	22857
	CAUCAAGU G UUCGGAGG	3737	CCUCCGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTUGAUG	22858

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3005         AACUGAAU G UGACUCGA         3819         UCGAGUUA GAA           3028         UUGGAACG G CUGUCAAG         3820         CUUGACAGA GAA           3026         GAACGGUG         UCAGACACA         3821         CUUGACAGA GAA           3026         GAACGCUG         UCAGAUCA         3823         ACAGAUCA         GACCGU           3056         GAUCCACA         U UCAGAUCA         3823         ACAGAGUCA         GACCGU           3063         AGUAGACCU         UCCUANUC         3824         CAAUAGGA         GCCGU           3084         GAUGAACCU         UCCUANUC         3825         UCAUGGA         GCGGU           3105         AGUAGACC         UCCAAUCAGA         3825         UCAUGGA         GCGGU           3112         AGUAGAGA         G UCAGAUCUG         3827         ACCUCCA         GCGGU           3112         AGUUCAGA         G UCAGAUCUG         3827         ACCUCCAGA         GCCGU           3112         AGUUCAGA         G UCAGACCUG         3827         ACCUCCAGA         GCCGU           3112         AGUACCUG         G UCAGACCUG         3833         UCACCAGAA         GCCGU           3112         AGUACCAGG         G UGAACCCUG         3834         UCACCAGGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAGUU 22940 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUCCAA 22941 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUGU 22943 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUGU 22944 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC 22944 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC 22945 GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAGG CUCCAGG CUCCAGG CUCCAGG CUCCAGG CUCCAGG CUCCAUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAUAGGC UCCCGUUAGGC UCCGGG CUCCAUAGGC UCCGGUAGGC UCCGGGG CUCCAUAGGC UCCCGUUAGGC UCCGGUAGGC CUCCAUAGGC UCCCGUUAGGC UCCGGGG CUCCAGGG CUCCAGGG CUCCAUAGGC CUCCAUAGGC UCCCGUUAGGC UCCCUUCAGG UCCCGUUAGGC UCCCUUCAGG UCCCGUUAGGC UCCCUUCAGG UCCCGUUAGGC UCCCUUCAGG UCCCUUCAGG UCCCUUCAGG UCCCUUCAGG UCCCUUCAGG UCCCUUCAGG UCCCUUCAGG UUACCCUUCAGG UCCCUUCAGG UCCCUUCCCU
G CUGUCAAG         3820         CUUGACAG           G UCAGUCAAG         3821         GUUCUUGA GGA           G UCAGUCCAC         3822         GUGGAUCC           G UCAGUCAC         3823         ACAGGUCA GGA           G UCCIANUG         3824         CAAUAGGA GGA           G UCCAAUGA         3824         CAAUAGGA GGA           G UCCAAUGA         3824         CAAUAGGA GGA           G CUGAAGCU         3825         UGAGCCUG GGA           G CUGAAGCU         3826         UCAUGAGG           G UGAAGCU         3827         AGCUUCCA GGA           G UGAAGCU         3832         UCACCAGAA GGA           G UGAAGCCU         3832         UCACCAGAA GGA           G UGAAGCCU         3832         UCACCAGAA GGA           G UGACCUGA         3833         GCCACGUA GGA           G UGACCUGA         3833         UCACCAGAA GGA           G UGACCUGA         3834         UCACCAGAA GGA           G CUGAAGCC         3833         UCACCAGAA GGA           G CUGAAGCC         3833         UCACCAGAA GGA           G CUGACUGAA         3833         UCACCAGAA GGA           G CUGACACAA         3844         UCACCAGAA           G CACANGGAC         3844	GCCGUUAGGC UCCGGG CGUUCCAA GCCGUUAGGC UCCGGG CAAGUUGU GCCGUUAGGC UCCGGG UGUGGAUC GCCGUUAGGC UCCGGG UGUGGAUC GCCGUUAGGC UCCGGG UGUGGAUC GCCGUUAGGC UCCGGG UGUCACU GCCGUUAGGC UCCGGG UGCCUUC
G UCAAGAAC         3821         GUUCUUGA GGA           G CGAUCCAC         3822         GUGGAUCG         GGA           G UGACCUGU         3823         ACAGGUCG         GGA           G UCCAAUGG         3824         CAAUGGG         GGA           G UCCAAUGA         3824         CAAUGGG         GGA           G CUGAAUGA         3824         CAAUGGG         GGA           G CUGAAUGA         3825         UGAGCCUG         GGA           G CUGAAGCU         3825         UCAUGAAG         GGA           G CUGAAGCU         3827         AGCUUCAG         GGA           G UCAGACUGA         3831         UCAGCUCAG         GGA           G UGAAGUCU         3832         CAGACCUCA         GGA           G UGAAGUCA         3833         GCCACGUA         GGA           G UGAAGUCA         3833         UCACCCAGA         GGA           G UGAAGUCA         3833         UCACCCAGA         GGA           G UGACCUGA         3834         UCACCCAGA         GGA           G UGACCUGA         3834         UCACCCCA         GGA           G UGACCCUGA         3844         CCCAUGGG         GGA           G UGACCCUG         3844         CCCAUGGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGUUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUGU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUCC
G CGAUCCAC         3822         GUGGAUCG GGA           G UGACCUGU         3823         ACAGGACC GGA           G UGACCUGU         3824         CAAUAGGA GGA           G CCGGAUCA         3824         CAAUAGGA GGA           G CUCAAUGA         3826         UGAGCCUG GGA           G CUGAAUGA         3827         AGCUUCCA GGA           G CUUGAAGC         3832         CUUUCAAG GGA           G CUUGAAGC         3833         ACCCAGGA GGA           G UGAAGCCUGA         3832         UGAGUUCA GGA           G UGAGCCUGA         3833         ACCCAGGA GGA           G UGAGCCUGA         3833         GCCACAGGA GGA           G UGAGCCUGA         3833         UCCACAGGA GGA           G UGAGCCUGA         3834         UCCACAGGA GGA           G CUGAAGAC         3835         UCCACAGGA GGA           G CUGAAGAC         3840         UCCACAGGA GGA           G CUGAACCUG         3841         UCACACUG GGA           G CUGAACCUG         3842         UCCACAGGA GGA           G CCCAUGGG         3844         CCCANGGG GGA           G CCCAUGGG         3845         CCCANGGG GGA           G UACACCUG         3845         CCCANGGG GGA           G UACACCUG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUGU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUCC
G UGACCUGU         3823         ACAGGUCA GGA           G UCCUAUUG         3824         CAAUAGGA GGA           G CUCAAUGA         3824         CAAUAGGA GGA           G CUCAAUGA         3825         UGAGCCUG GGA           G CUCAAUGA         3826         UCAUUGAG           G CUGAAGCU         3827         AGCUUCCA           G CUGAAGCU         3829         CAGACUCGA           G CUGAAGCA         3831         UGACUUCA           G UGAAGUCA         3832         CAGACUUCA           G UGAAGUCA         3833         GCCCACGUA           G UGAAGUCA         3834         UCAGGCCA           G UGAAGUCA         3833         GCCACGUA           G UGACCUGA         3834         UCAGGCCA           G UGACCUGA         3834         UCAGGCCA           G CUGAAGCC         3833         GCCACGUA           G UGACCUGA         3834         UCACCCCA           G CUGAAGCC         3834         UCACCCCA           G CUGAACCC         3840         CAGUCCCA           G CAAUCACCA         3841         UCACCCCA           G CAAUCACA         3844         CCCAUGGG           G CCACGAAA         3844         CCCAUGGG           G CCACGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUCC
G UCCUANUG         3824         CAAUAGGA GGA           G CAGGCUCA         3825         UGAGCCUG         GGA           G CUCAAUGA         3826         UCAUUGAG         GGA           G UGGAAGCU         3827         AGCUUCAG         GGA           G CUGAAGC         3829         CAGACUCG         GGA           G CUGAAGC         3830         ACCCAGAA         GGA           G UCUGAGC         3831         UGACUUCA         GGA           G UGAAGUCA         3831         UGACUUCA         GGA           G UCUGAGC         3832         CAGACUUCA         GGA           G UGAAGUCA         3833         GCCACGUA         GGA           G UGAGCCUGA         3831         UCAGGCCA         GGA           G UGACCUGA         3833         GCCACGUA         GGA           G CUGAGCCA         3834         UCAGGCCA         GGA           G CUGACACUG         3834         UCAGGCCA         GGA           G CUGACACUG         3840         CAGUGUGA         GGA           G UGACACUGA         3841         UCAGUGGA         GGA           G UGACACUGA         3842         UGAGUGGA         GGA           G UGACACUGA         3844         CCCAUGGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCACU UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUUC
G CAGGCUCA         3825         UGAGGCUCA GGA           G CUCAAUGA         3826         UCAUUGAG         GGA           G CUCAAUCA         3827         AGCUUCAG         GGA           G CUUGAAG         3829         CAGACUCG         GGA           G CUUGAAG         3829         CAGACUCG         GGA           G CUUGAAUCA         3830         ACCCAGAA         GGA           G UCAGAUCAC         3831         UGACUUCA         GGA           G UCAGAUCAC         3831         UGACCUCAA         GGA           G UCAGAUCAC         3833         GCCACGUA         GGA           G UCAGACUG         3831         UCAGGCCA         GGA           G UGAGCCUGA         3834         UCAGGCCA         GGA           G CUGAAGAC         3835         UCAGGCCA         GGA           G UGACCUGA         3834         UCACCCCA         GGA           G UGACCACUGA         3840         UCAGGUCA         GGA           G UGACCACUGA         3841         UCAGUUCA         GGA           G UGACCACUGA         3844         CCCAUGGG         GGA           G UGACCACUGA         3844         CCCAUGGG         GGA           G UCACCCUGG         3848         UUCA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAUC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUUC
GABAGCAG G CUCAAUGA   3826   UCAUUGAG GGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUUUC
AAUGAUAC G UGGAAGCU         3827         AGCUUCCA GGA           ACGUGGAA G CUUGAAAG         3828         CUUUCAAG GGA           UUGAAAG G CAGUUCUG         3829         CAGAACUG GGA           AAAGGGCA G UUCUGGGU         3831         UGAACUCCA GGA           AAAGGGCA G UUCUGGGU         3832         UGAACUCCA GGA           UGGGUGAA G UCAAAUCA         3833         GCCACGUA GGA           UGAGUGAC G UGACCUGA         3833         UCAGCCCCA GGA           UGAUCCUU G UGGGGCGA         3835         UCACACUCA GGA           CCUUGAGAC G CAUACCUU         3835         UCACACUCA GGA           CCUUGAGAC G CAUACCUU         3834         UCCACCCCA GGA           CCUUGAGAC G CAUACCUUGA         3841         UCCACCCCA GGA           CCUUGAGAC G CAUACCUUGA         3842         UCCACCCCA GGA           UAAUACCA G UCACACUG         3843         UCCACCCCA GGA           AAACCACUG G CAAUCACA         3843         UCCACUGGA           AAACCACGG G CCAUGGAC         3843         UCCACUGGA           AAACCACGG G CCCAUGGG         3843         CCCAUGGA           AAACCAGG G CCCAUGGG         3845         CCCAUGGG           AAACCAGG G CCCAUGGG         3845         CCCAUGGG           CCACAUGACG G UACACCCUG         3845         CUACCCCGG	
ACGUGGAA         G CUUGAAAG         3828         CUUUCAAG GGA           UUGAAAGG         G CAGUUCUG         3829         CAGAACUG         GGA           AAAGGGCA         G UUCUGGGU         3831         VGACCAGAA         GGA           AAAGGGCA         G UUCUGGGU         3832         VGACCAGAA         GGA           UGGGUGAA         G UCAAAUCA         3833         GCCACGUA         GGA           UGGGUGAA         G UGAGCCUGA         3833         UCAGCCCCA         GGA           UGUACGUG         UGGGGCGA         3833         UCACCCCGA         GGA           CCUUGAGAC         G CCUGAGAC         3834         UCACCCCCA         GGA           CCUUGAGAC         G CAAUCACUG         3833         UCACCCCCA         GGA           CCUUGAGAC         G CAAUCACUG         3841         UCACCCCCA         GGA           CCUUGAGAC         G UGACCCCUG         3843         UCCCCCCA         GGA           CCUUGAGAA         G UACCACUG         3843         UCCCAUGGA         GA           ACACCCUG         G CGGGACCCA         3843         UCCCAUGGA         GA           AACACCUGG         G CCGGGUAG         3845         CCCAUGGA         GA           AAACCAGG         G CCGGGGAG<	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUCAUU 22948
UUGAAAGG G CAGUUCUG         3829         CAGAACUG GGA           AAAGGGCA G UUCUGGGU         3830         ACCCAGAA GGA           AGUUCUGG G UGAAGUCA         3831         UGACUUCA GGA           UGGGUGAA G UCAAAUCA         3832         UGACUUCA GGA           UGGGUGAA G UCAAAUCA         3833         GCCACGUA GGA           UCAAAUCAU G UGGCCUGA         3833         UCAGCCCCA GGA           UGUACGUG G CCUGAGAC         3835         UCAGGCCCA GGA           UGUACGUG G CCUGAGAC         3835         UCAGGCCCA GGA           CCUUGAGAC G CCUGAGAC         3836         UCCACCCCA GGA           CCUUGAGAC G CCUGAGAC         3841         UCAGCCCCA GGA           CCUUGAGAC G UCACACUG         3843         UCCAGUCA GGA           UCACACUG G CGGGACCA         3841         UGAGUGUA GGA           ACCACACUG G CAAUCACA         3843         UCCAUGGG GA           ACCACACUG G CAAUCACA         3843         UCCAUCAGG GA           AACCACACUG G CAAUCACA         3844         CCCAAUCAG GA           AACCACACGG G UACAGGAA         3845         CCCAAUCAG GA           AAACCACAG G CCCAGGAA         3846         CCCAAUCAG GA           CCAAUCACA G UCACCCCUG         3846         AACCCCUCA           CAAUCACA G UCACCCCUG         3846         CCCAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCACGU 22949
AAAGGGCA G UVCUGGGU         3830         ACCCAGAA GGA           AGUUCUGG G UGAAGUCA         3831         UGACUUCA GGA           UGGGUGAA G UCAAAUCA         3832         UGACUUCA GGA           UGGGUGAA G UACGUGGC         3833         GCCACGUA GGA           UCAAAUCAU G UACGUGGC         3833         GCCACGUA GGA           UGAUACGUG G UGGGCGAA         3834         UCACGCCCA GGA           CCUUGAGAC G CAUACCUU         3836         AAGGUAUG GGA           CCUUGAGAC G CAUACCUU         3839         UCCACCCCA GGA           CCUUGAGAC G CAUACCUUGA         3841         UCCACCCCA GGA           CCUUGAGAC G CAAUCACA         3841         UCCACCCCA GGA           UCACACUG G CGGGACCA         3841         UGACCCCG GGA           ACCACCGAA G CAAUCACA         3843         UCCAUGGG GA           AACCACUG G CCAUGGG G CCAUGGG G CCAUGGG G CCAUGACG G CCAUGACG G CCAUGACA         3845         CCCAUGGG G CCCAUGGG G CCCAUGGG G CCAUGACG G CCAUGACG G CCCAUGACG G CCCACGGACACC G CCCACGGACACC G CCCACGGACACC G CCCACGGACACC G CCCACGGACACC G CCCACGGACACC G CCCACGCACACC G CCCACGCACACC G CCCACGCACACC G CCCACGCACACC G CCCACGCACACC G CCCACGCACACC G CCCACGCAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUUCAA 22950
AGUUCUGG G UGAAGUCA         3831         UGACUUCA GGA           UGGGUGAA G UCAAAUCA         3832         UGAUUUGA GGA           CAAAUCAU G UACGUGGC         3833         GCCACGUA GGA           UCAUGUAC G UGGCCUGA         3834         UCAGGCCA GGA           UGUACGUG G CCUGAGAC         3835         GUCUCAGG GGA           CCUGAGAC G CAUACCUU         3836         AAGGUAUG GGA           CCUGAGAC G CAUACCUU         3836         UCCACCCA GGA           CCUGAGGC G CAUACCUG         3839         UCCACCCCA GGA           CCUUGAGGA G CAAUCACA         3841         UGACCCCCA GGA           ACCACCGAA G CAAUCACA         3843         UCCAGUGG GAA           ACCACCGGA G CAAUCACA         3843         GUCUUGUA GGA           AACCACUG G CAAUCACA         3843         GUCUUGUA GGA           AACCACUG G CAAUCACA         3844         CCCAUGGG GAA           AAACCAGG G CCCAUGGG G CCCAUGGG G CCCAUGGG G CCCAUGACA         3845         CUACCCCG GGA           AAACCAGG G CCCAGGAA         3845         CUACCCCG GGA           AAGGCCGG G UAGAGACU         3846         CACACCCG GGA           CCAUUACG G CCCAGGAA         3848         CAGGGACA           CCACAUGACG G UAGAGACC         3848         CAGGGACA           CCACCCUGA G UAGACACC         3851 <td>GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGCCCUUU 22951</td>	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGCCCUUU 22951
UGGGUGAA G UCAAAUCA         3832         UGAUUUGA GGA           CAAAUCAU G UACGUGGC         3833         GCCACGUA GGA           UCAUGUAC G UGGCCUGA         3834         UCAGGCCA GGA           UGUACGUG G CCUGAGAC         3835         GUCUCAGG GGA           CCUGAGAC G CAUACCUU         3836         AAGGUAUG GGA           CCUGAGAC G CAUACCUU         3839         UCCACCCCA GGA           CCUGAGAC G CAUACCUGA         3841         UCCACCCCA GGA           CCUUGAGA G CAAUCACA         3843         UCCAGGUCA GGA           ACCACCGAA G CAAUCACA         3843         UCCAGGUCA GGA           ACCACCGAA G CAAUCACA         3843         UGUGGUCCG GGA           ACCACCGGA G CAAUCACA         3844         CCCAUGGGA           AACCACGG G UACACGGGG         3845         CCCAUGGGA           AAACCAGG G CCCAUGGG         3845         CUACCCGG GGA           AAACCAGG G CCCAUGGG         3845         CUACCCGG GGA           AAGGCCGG G UACACAGAC         3848         CAGGGUAA           AAGGCCGG G UACACAGAA         3845         CUACCCCGG GGA           CCAUUACG         G UCACCCCUG         3846         CACCCCCG GGA           CCAUUACG         G UCACCCCUG         3846         CACCCCCG         GGA           CCAUUACG         <	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAACU 22952
CAAAUCAU G UACGUGGC         3833         GCCACGUA GGA           UCAUGUAC         G UGGCCUGA         3834         UCAGGCCA GGA           UGUACGUG         G CUGAGAC         3835         GUCUCAGG GGA           UGUACGUU         G CUGAGACA         3836         AAGGUAUG GGA           CUUGUGGGA         3837         UCGCCCCA GGA           CUUGUGGGA         3839         UCCAGUCG GGA           CCUUGAGA         G GAAUCACUG         3840         CAGGGICA GGA           UCACACUG         G CGGGACCA         3841         UCCAGUGG GGA           ACCACGAA         G CAAUCACA         3843         UGUGGUCG GGA           ACCACCGGA         G UACACAGGA         3843         GUCUUGUA         GA           AACCACUG         G UACACAGGA         3845         CCCAUGGGA         GA           AAACCAGG         G CCGGGUAG         3845         CUACCCGG         GA           AAACCAGG         G CCCAGGAA         3845         CUACCCGG         GA           AAGGCCGG         G UACACCCUG         3845         CUACCCGG         GA           AAGGCCGG         G UACACCCUG         3845         CUACCCGG         GA           CAAUUACU         G CCGGGUAG         3846         AACUCUCA         GA <td>GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCCA 22953</td>	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCCA 22953
UCAUGUNC G UGGCCUGA         3834         UCAGGCCA GGA           UGUNCGUG G CCUGAGAC         3835         GUCUCAGG GGA           UGUNCGUU G CCUGAGAC         3836         AAGGUNUG GGA           CCUGAGAC G CAUACCUU         3837         UCGCCCCA GGA           CUUGUGAGA         3839         UUCCAUCG GGA           CUUGUGAGA G CAAUCACA         3841         UCAAGGUCA GGA           UCACACUG G CGGGACCA         3841         UGGGCCCG GGA           ACCACCGAA G CAAUCACA         3843         UGUGGUUGA GGA           ACCACCGGA G CAAUCACA         3843         GUCUUGUU GGA           AACCACCGG G UACAAGAC         3844         CCCAUGGG GA           AACCACGG G CCGGGUAG         3845         CCCAUGGG GA           AAGCCGG G UACACAGGAC         3845         CUACCCGG GGA           AAGGCCG G UACACAGAC         3846         AACCUCUCA           CAAUCACA         3845         CUACCCGG GGA           AAGGCCG G UACACAGAC         3848         CAGGGUAG           CAAUCACA         3846         AACCUCUCA           CAAUCACA         3847         UUCCCCCG GGA           CAAUCACA         3848         CAGGGUAG           CAAUCACA         3848         CAGGGGAA           CAAUCACA         GAGGACACA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUTUG 22954
UGUACGUG G CCUGAGAC         3835         GUCUCAGG GGA           CCUGAGAC         3836         AAGGUAUG GGA           CCUGAGAC         3837         UCGCCCCA GGA           CUUGUGAGA         3839         UCCAUCG GGA           CCUUGAGA G CAAUGGAA         3841         UCCAUGG GGA           UCACACUG G CGGGACCA         3841         UGAGUGUG GGA           ACCACGAA G CAAUCACA         3842         UGUGAUUG GGA           ACCACGAA G CAAUCACA         3843         GUCUUGUU GGA           AACCACGG G UACAAGAC         3845         CCCAUGGG GA           AAACCAGG G CCCAUGGG         3845         CCCAUGGG GA           AAACCAGG G CCCAUGGG         3845         CUACCCGG GGA           AAGGCCGG G UACACAGAA         3845         CUACCCGG GGA           AAGGCCGG G UACACAGAA         3846         AACUCUCA         GGA           CAAUUACU G CCCAGGAA         3848         CAACCCCG         GGA           CAAUUACU G CCCAGGAA         3848         CAACCCCG         GGA           CAAUUACU G CCCAGGAA         3848         CAACCCCCG         GGA           CAAUUACU G CCCAGGAA         3848         CAACCCCCG         GGA           CAACCCUGA G UACACCCUG         3848         CAACCCCCG         GGA           CAGGAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACAUGA 22955
CCUGAGAC         G CAUACCUU         3836         AAGGUAUG         GGA           CAUACCUU         G UGGGGCGA         3837         UCGCCCCA         GGA           CUUGAGGA         3839         UCGCCCCA         GGA           CCUUGAGA         G UGACUUGA         3840         UCAGUCGA         GGA           UCACACUG         G UGGACCA         3841         UGAGUCCG         GGA           ACCACGAA         G CGGGACCA         3843         UGUGAUUG         GGA           ACACCUGG         G UACACGAC         3843         UGUGAUUG         GA           AAACCAGG         G CCGGGUAG         3845         CCCAUGGG         GA           AAACCAGG         G CCGGGUAG         3845         CCCAUGGG         GA           AAACCAGG         G CCGGGUAG         3845         CUACCCGG         GA           AAACCAGG         G CCGGGUAG         3845         CUACCCGG         GA           AAACCAGG         G CCGGGUAG         3846         AAUCCUCA         GA           GAAUGACG         UCACCCUG         3846         AAUCCUCA         GA           GAAUGAGA         3848         CAGGGUAA         GA         GAGGGAA           CACCCUGG         G UCACCCUG         3848         C	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUACA 22956
CAURICCUU G UGGGGCGA         3837         UCGCCCCA GGA           CUUGUGGG G CGAUGGAA         3838         UUCCAUCG GGA           CUUGUGGG G CGAUGGAA         3840         UCAGUCGA GGA           UCACACUG G UCACACUG         3841         UGGUGUGGA GGA           ACCACGAA G CGGACCA         3843         UGGUGUUGA GGA           ACCACGGA G CCAUGGG         3843         GUCUUGUU GGA           AAACCAGG G UACAAGAC         3845         CCCAUGGG GA           AAACCAGG G CCGGGUAG         3845         CCCAUGGG GA           AAACCAGG G CCGGGUAG         3845         CUACCCGG GA           AAGGCCGG G UACACAGGA         3846         AAUCUCUA GGA           CGAUUACU G CCCAGGAA         3848         CAGGGUGA GGA           GAACUACG G UACACCCUG         3848         CAGGGUGA GGA           GAACCACAG G UACACACC         3848         CAGGGUGA GGA           GAACACACG G UACACACC         3848         CAGGGUGA GGA           GAGGGACACC         3850         GUCCCCACAGGA           GAGGACACC         GUGGACCUG         3851         GGGGACCAG           GGGACACC         GGGACCACG         3853         GCGGAGUGA           GUGCACACG         GCACCACGG         GAGGACCAC         3853         GCAGGACGG           GAGGACACC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCAGG 22957
CUUGUGAGA 3838 UUCCAUCG GGA CCUUGAGA G UGACUUGA 3839 UCCAUCG GGA UCACACUG G UCACACUG 3841 UGAGUCA GGA UCACACUG G CGGGACCA 3841 UGAGUCCC GGA ACCACGAA G CAAUCACA 3842 UGUGAUUG GGA AAACCAGG G UACAAGAC 3844 CCCAUGGG GA AAACCAGG G CCGAUGGG 3845 CUACCCGG GGA AAACCAGG G CCGAGGAA 3845 CUACCCGG GGA AAGGCCGG G UAGAGAUU 3846 AAUCUCUA GGA CGAUUACU G CCCAGGAA 3848 CAGGGUGA GGA GAACUACG G UCACCCUG 3848 CAGGGUGA GGA CACCCUGA G UCACCCUG 3848 CAGGGUGA GGA CACCCUGA G UCACCCUG 3851 GGGGGGGA GAACUACG G UGGGGACC 3851 GGUGGCCG GGA CGGACACC G UGGACCCG 3851 GGGGACCCG GGA GUGCACCU G CCCCACCA 3853 GCGAGUGG GGA UGACACCU G CCCCACCA 3853 GCGAGUGG GGA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUAUG 22958
CCUUGAGA         G UGACUUGA         3839         UCAAGUCA G GA           UAAUACCA         G UCACACUG         3840         CAGUGUGA GGA           UCACACUG         G CGGGACCA         3841         UGGUCCCG GGA           ACCACGAA         G CAAUCACA         3842         UGUGAUUG GGA           AAACCAGG         G CAAUCACA         3843         GUCUUGUA GGA           AAACCAGG         G CCGGGUAG         3845         CCCAUGGG GGA           AAACGCCGG         G UACACGGAA         3845         CUACCCGG GGA           AAAGGCCGG         G UAGAGAUU         3846         AAUCUUN GGA           CAAUUACU         G CCCAGGAA         3843         CUACCCGG GGA           GAAUGAGU         3848         CAGGGUAA GGA           GAACUACG         G UCACCCUG         3849         AGCUCUCA GGA           GAACUACG         G UCACCCUG         3849         AGCUCUCA GGA           GAAGUGAAA         3850         GUCCGCCG         GGA           GAAGUGAACC         G UGGGACACC         3851         GGGGUCC         GGA           CCGAACACC         G UGGACCCC         3852         CAGGUCCA         GGA           CCGAACACC         G UGGACCCCA         3853         GCGAGUGA         GA           CCG	
URAURCCA G UCACACUG         3840         CAGUGUGA GA           UCACACUG G CGGGACCA         3841         UGGUCCCG GGA           ACCACGAA G CAAUCACA         3842         UGUGAUUG GGA           AAACCAGG G UACAAGAC         3843         GUCUUGUB GGA           AAACCAGG G UACAAGAC         3844         CCCAUGGG GGA           GGACGAAG         3845         CUACCCGG GGA           AAAGGCCGG G UACACGCGG         3847         UUCCUGGG GGA           GAAUUACU G CCCAGGAA         3848         CAGGGUGA GGA           GAAUUACU G CCCAGGAA         3848         CAGGGUGA GGA           GAAUGAAGU G CCGAGGAC         3850         GUCCCUCA GGA           GAGUGAAGU G CGGACACC         3851         GUGCGCAG GGA           CCGACCACC         3851         GUGCCCCA GGA           GUGCACACU G CCCCACCA         3852         CAGGUCCA GGA           GUGCACACU G CACCACCA         3853         GCGAGUGA GGA           CAACACACA G CACACACA GGA         3854         CAGGAUCA GGA	UCCCUUCAAGGA
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AGACCUGG G UACAAGAC   3843   GUCUUGUA GGA     AAACCAGG G CCCAUGGG   3844   CCCAUGGG GGA     GGACCAGG G CCGGGUAG   3845   CUACCCCGG GGA     AAGGCCGG G UAGAGAUU   3846   AAUCUCUA GGA     CGAUUACU G CCCAGGAA   3847   UUCCUGGG GGA     GAACUACG G UCACCCUG   3848   CAGGGUGA GGA     CACCCUGA G UCACCCUG   3849   AGCUCUCA GGA     GAGUGAGA G CUGCGGAC   3850   GUCCGCAG GGA     CACACACC G UGGACCUG   3851   GCUGCUCCA GGA     CGACACUC G CCCCACCC   3853   GCCAGUCCA GGA     CACACACA G CACCCCCA   3853   GCCAGUCCA GGA     CACACACA G CACCACCCA   3854   UGGUCCA GGA     CACACACA G CACCACCCA   3855   GCCAGUGG GGA     CACACACA G CACCACCCA   3854   UGGUGGG GGA     CACACACA G CACCACCCA   3855   CCCAGUCCA GGA     CACACACA G CACACACA G CACACACA G CACACACA	UCCCUUCAAGGA
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CAAGAUCA G CAUGCCAG	7	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23006
	1	GGA GCCGUUAGGC	23007
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COC S	A 3888	UAGCAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGUA	23009
o CUA	٦	AGGACUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCAAU	23010
G UCC		GGA GCCGUUAGGC UCCCUUCAAGGA	23011
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G CUAL	٦	GGA	23017
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G UUGAUGGU	3940	ACCAUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGUAU 23061
	3941	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
CGGAAUAG G CAGCUUGA	3942	UCAAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAUUCCG 23063
	3943	UGAUCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCUAUU 23064
G UGC	3944	
G CAG	3945	UGCAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUCU 23066
ບ	3946	GGA GCCGUUAGGC UCCCUUCAAGGA
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g CAN	3948	CAGACUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUUCU 23069
аваласта в испосили	3949	GGA GCCGUUAGGC UCCCUUCAAGGA
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исивсили в спивасис	3951	GAGCCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGCAGA 23072
g CUC	3952	GECUAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCAUA 23073
	3953	UGUUGAGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGAGCCA 23074
	3954	UCCAGCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGAUCA 23075
	3955	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
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CCGUAAAC G CGGAUGGC	3959	UCCCUUCAAGGA GCCGUUAGGC
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	3969	UCUGCCAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCGAC 23090
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ACUCCAUG G CCAUUCCA	3972	UGGAAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGAGU 23093
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4414	ย	3982	AAUUUCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACUUU	23103
4427		3983	COCCOCORO GOA GCCCOURAGO UCCCOUCAAGOA GCCGUUAGGC UCCGGG CUGUAAUU	23104
4433		3984	CUCUTUCE GEA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG UCGAGCCU	23105
4441	വവ	3985	CACAUCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCGC	23106
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4452	GAUGUGCG G CUUGAUGA	3988	UCAUCAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCACAUC	23109
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4495	ວິ	3990	CCAAGGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGAU	23111
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4529		3993	UCGCGAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACCAUU	23114
4534	UCUGUCUC G CGAUUAGU	3994	ACUAAUCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGACAGA	23115
4541	CGCGAUUA G UGCGUACA	3995	VGUACGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAUCGCG	23116
4543		3996	GEUGUACE GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAAUCG	23117
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4566	GCAAUCUU G CCCUCAGU	3999	ACUGAGGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUUGC	23120
4573	UGCCCUCA G UAGUUGGA	4000	GGA GCCGUUAGGC	23121
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4616	8	4002	ACAACACO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUCUC	23123
4618	GAGGAGGC G UGUUGUGG	4003	CCACAACA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUCCUC	23124
4620	валевсей в инвивсел	4004	UCCCACAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGCCUCC	23125
4623	GECEUGUU G UGGGACAC	4005	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23126
4647	CCAAAGGA G UACAAAAA	4006	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23127
4673		4007	<b>₹</b>	23128
4675	5	4008	CCUGUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGGUGG	23129
4694	CAUGACUC G UGGGCUGC	4009	GCAGCCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUCAUG	23130
4698	ACUCGUGG G CUGCUCGG	4010		23131
4701	CGUGGGCU G CUCGGCAG	4011	GGA GCCGUUAGGC	23132
4706	වී	4012	1	23133
4709		4013	CUUGAUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCGAGC	23134
4717	S O	4014	CGCUCCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAUAAC	23135
4723	8	4015	CACGCCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGCUU	23136
4727	٥	4016	CCAUCACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGCUCCU	23137
4729	GAGCGGGC G UGAUGGUU	4017	AACCAUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCGCUC	23138

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ACUADOGC	1	UCAUCCAU	UGGGAUUG	AUCUCAGG	AGUGAUCU	CGGGAUGG	GCCGGGAU	CGGCGCCG	AGAAUCCU	CUCUUUGA	UGUUCUCA	agenanne	ACGGCUGU	UAGCACGG	CCUGGUUG	AACCCUGG	CACAACCC	AGCCACAA		UUCAGCCA	AGUCCUCU	UCCGGG CGGAUGGG	GGAUGUCU	UGCGGAUG	ACUGCGGA	AAUCUCAU	AUCAACAA	UCCGGG AUGACAUC	ACAUGACA	AUGACACA		COGOGGG						
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UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA		UCCCUUCAAGGA	UCCCUUCAAGGA UCCCUUCAAGGA	UCCCUUCAAGGA UCCCUUCAAGGA UCCCUUCAAGGA	UCCCUUCAAGGA UCCCUUCAAGGA UCCCUUCAAGGA UCCCUUCAAGGA	UCCCUUCAAGGA UCCCUUCAAGGA UCCCUUCAAGGA UCCCUUCAAGGA
GCCGUUAGGC	• GCCGUUAGGC	A GCCGUUAGGC	GCCGUUAGGC	GCCGUUNGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accennagec	GCCGUUAGGC	1	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	COC STREET	GCCGUUAGGC	GCCGUUAGGC	GCGUUAGGC	GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC	GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC GCCGUUAGGC
UCACCCUG GGA	UCCUUUCA GGA	GGGAUUGG GGA	GAAUCCGG GGA	UUCCUCAG GGA	AUCCAGUA GGA		UUUACCGG GGA	UNGUNUNA GGA	AUCUGUGG GGA	GUUUAUGG GGA	UAGCACGG GGA	UGCUAGCA GGA		GGUUGGUG GGA	AGCCACAA GGA	AGCAGCCA GGA	CUCAGCAG GGA	CAUCUCAG GGA	UGCUUCAG GGA	UCUCAGUG GGA	CGGAUGGG GGA	GUCUGGUA GGA	GGGCACUG GGA	UCUGGGCA GGA	ucucuada aaa	GACAUCAA GGA	1 1	GCAUGACA GGA	UAGCAUGA GGA	GAGGGUAG GGA	, ,	UGAGGAGA GGA	GUUCGGCA GGA			1 1		
4058	4059	4060	4061	4062	4063	4064	4065	4066	4067	4068	4069	4070	4071	4072	4073	4074	4075	4076	4077	4078	4079	4080	4081	4082	4083	4084	4085	4086	4087	4088	4089	4090	4091		4092	4092	4093 4094	4092 4093 4094 4095
SU G CAGGGUGA	3G G UGAAAGGA	ည ၅	A G CCGGAUUC	NU G CUGAGGAA	TU G UACUGGAU	CCAUCCCG G CGCCGGUA	SC G CCGGUAAA	G UAAAACAA	TU G CCACAGAU	Ø	A G CCGUGCUA	GAACAGCC G UGCUAGCA	TU G CUAGCACC	5	B		IG G CUGCUGAG	TO G CUGAGAUG		G CA	ပ ပ		c a caguacco	A G UGCCCAGA	и в сссавава		ည် ပ	. 1			G CGC	D D D	G G UGCCGAAC		U G CCGAACUA	9 DOC	U G CCGAACUA U G UUCGUGAU C G UGAUGGAU	G CCG
GCGAUAGU G CA	AGUGCAC	AUGGAUGA	CAAUCCCA	CCUGAGA	AGAUCACU	CCAUCCC	AUCCCGGC G CC	ರಾವಾದಾರವ	AGGAUUCU	UCAAAGAG	UGAGAACA	GAACAGC	ACAGCCGU G CUI	CCGUGCUA	CAACCAGG	CCAGGGUU	GGGUUGUG	menecco e coc	CUGAGAU	UGGCUGAA	AGAGGACU	CCCAUCCG	AGACAUCC	CAUCCGCA	UCCGCAGU G CC	AUGAGAUU	UUGUUGAU	GAUGUCAU	UGUCAUGU	UGUGUCAU	ACCCACAG	AGGCUGAU	327C7C9		CACAGGGU	CACAGGGI	CACAGGGU G CCG UACAACCU G UUC ACCUGUUC G UGA	CACAGGGU UACAACCU ACCUGUUC UGGAUGAG
5109	5114	5130	5140	5160	5182	5201	5203	5207	5226	5245	5269	5272	5274	5278	5290	5293	5296	5299	5308	5314	5328	5337	5350	5353	5355	5383	5389	5394	5396	5401	5418	5424	5437		5439	5439	5439 5454 5458	5439 5454 5458 5470

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ANCHARAN G UURCAUUU   4100   PARIUGUAA GGA GCCGUUIAGGG UCCCUUCAAGGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCACAAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG UCCACAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG CCCUUCAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG UCCCUUCAAGA GCCGUUIAGGG CCCUUCAAGA GCCCUUCAAGA GCCGUUIAGGG CCCUUCAAGA GCCCCUUCAAGA GCCCUUCAAGA GCCCCUUCAAGA GCCCCUUCAAGA GCCCCUUCAAGA GCCCCUUCAAGA GCCCCUUCAAGA GCCCCU	8	G CA	4099	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAAUGC	. 23220
CCRCRAMA G UCAMACUA   1101   UMACUCAA GAS GCCGUURAGGC UCCCUUCAAGA GCCGUURAGGC CCCUUCAAGA GCCGUURAGGC UCCCUUCAAGA GCCGUURAGGC CCCUUCAAGA GCCGUURAGGC CCCUUCAAGA GCCGUURAGGC GCCACAAA GCCCGUURAGGC CCCUUCAAGA GCCGUURAGGC CCCUUCAAGA GCCGCAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAAA GCAAAAA	5	AGCAAGAG G UUACAUUU	4100	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUGCU	23221
MAGUICGA G CUAGGGGA   4102   UGCCCCUAG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC GGA GCGGUUAGGC UCCCUTCAAGGA GCCGUUAGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC CCCAACAG G CAAUAUUC 4105   UGCGCCG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC CCCAACAG G CCAACACC 4106   UGGGGGGGG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC CCCAACAG G CAAUAUC 4109   GAAUGGG GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC CCCAACAG G CUCGAACAG G CUCGAACAG G CUCGAACAG G CUCGAACAG G CUCGAACAG G CUCGAACAG G CUCCAACAG G CUCCAACAG G CUCGAACAG G CUCGAACAG G CUCCAACAG G CUCCAACAG G CUCCAACAG G CUCCAACAG G CUCGAACAG G CUCCAACAG G CUCC	24	CCACAAAG G UCGAGCUA	4101	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGUGG	23222
UNGGGGGG         4103         UNGCGGGG         GAB GCGGUIMAGG         CCCCUTCAAGGA         GCGGUIMAGG           GGGAGGGG         G CACCCCA         4104         UNUTGGGG         GAB GCGGUIMAGG         UCCCUTCAAGGA         GCGGUIMAGG           GGGAGGGG         G CANUCCAC         4106         GABAUNUG         GGA GCGUIMAGG         UCCCUTCAAGGA         GCCGUIMAGG           CCCCCCACCAG         G CACUCCAC         4106         UGAGGUGG         GGA GCGUIMAGG         UCCCUTCAAAGGA         GCCGUIMAGG           UVCCCAGG         G CACUCCAC         4107         CUGAACCAG         GGA CCCUTCAAAGGA         GCCGUIMAGG           CGGAANCAG         G UTGGGUU         4111         GAACCAAA         GGA GCCGUIMAGG         UCCCUTCAAAGGA         GCCGUIMAGG           GGAANCAG         G UTGGGUU         4111         AAACCAAA         GGA GCCGUIMAGG         UCCCUTCAAAGGA         GCCGUIMAGG           UVGGGUU         G UTGGGUU         4111         AAACCAAA         GGA GCCCUTCAAAGGA         GCCGUIMAGG           UVGGCUADU         G CCUTGGGG         4111         ACACUGGGGGA         GCCGUIMAGG         CCCCUTCAAAGGA         GCCGUIMAGG           UVGCCUADA         4112         ACUCCUCAAGGA         GCCCUTCAAAGGA         GCCGUIMAGG         CCCUTCAAGGA         GCCGUIMAGG	53	AAGGUCGA G CUAGGGGA	4102	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGACCUU	23223
GAGARGGG G CAGANUM   4114   INJUGACIG GAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC UCANUAUGA G CAMUAUCA   4105   UGAAGUG GAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC UCCCUCCAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC CUCCUUCIAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC CUCCUCCAAGAA GCCGUINAGGC GAAACACAA GAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC GAAACACAA GAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC GAAACACAA GAA GCCGUINAGGC UCCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUCCAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUCCAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC UCCUCCAAGAA GCCGUINAGGC UCCUUCIAAGAA GCCGUINAGGC CCCCUAAAU UCCACAAACAAA 4122 UUGUGCAAA 4122 UUGUGCAAA GAAACAAAA AAAAAAAA AAAAAAAA AAAAAAAA	33	UAGGGGAG G CGGCGGCA	4103	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCCCUA	23224
AGGCGACG G CARAINUUC         4105         URABANIUG GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUCAUGACA G CARCCCCA         4106         URGGGGUGG GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           CUCAUGACA G UCCAUCAC         4106         GUGGGGGG GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUCCCAGA G UUCGAUUC         4109         GUUCCAAG GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           GAGAAGACG G UUUGGUUU         4110         AAACCAAA GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           GAGAAGUG G UUUGGUUU         4111         AAACCAAA GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUUGGUUU G UUCUAGU         4112         ACUNGGCA GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUUGGUUU G UUCUAGAA         4113         ACUNGGCA GGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUUGGCUAGU         6 UCAAAGGA GAA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC         UCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC           UUCCAACA GA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC         CCCUTACAACGU G UACCCAAA           UACAACGU G CUGGAAAG GA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC UCCCUTORAGGA GCCGUDAGGC GCAAAAGA G UGCGAAAA G UACCAAAA G UACCAAAAA G UACCAAAAA G UACCAAAA G UACCAAAA G UACCAAAAA G UACCAAAAA G UACCAAAAA G UACCAAAA G UA	42	٥	4104	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCUCCC	23225
UCRUDACA G         CCACCCOA         4106         UGGAGUGG         GAA         GCCGUNAGGG         CCCUTOCAGG         GCCGUNAGGG         CCCUTOCAGGA         GCCGUNAGGG         CCCCUCAGG         GCCCUNAGGG         GCCGUNAGGG         CCCCUCAGGA         GCCGUNAGGG         CCCCUCCAGGA         GCCGUNAGGG         CCCCUCCAGGA         GCCGUNAGGG         CCCCUCCAGGA         GCCGUNAGGG         CCCCUCCAGGA         GCCGUNAGGG         CCCCUCCAGGA         GCCGUNAGGG         CCCCUCCUCAAGGA         GCCGUNAGGG         CCCCUCCUCAAGGA         GCCGUNAGGG         CCCCUCCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG         CCCUCUCAAGGA         GCCGUNAGGG	45	5	4105	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCGCCU	23226
CCCACCAG G CACUUCAG         4107         CUGAAAUG GGA GCCCUUAGGC TOCCUUCAAGA GCCCUUAGGC         CCCACCAG G CCCUUAGGC         CCCAUCGA GGA GCCCUUAGGC TOCCUUCAAGA GCCCUUAGGC         CCCAUCGAAG         GCCCUUAGGC         CCCAUCGAAG         GCCCUUAGGC         CCCAUCGAAGA         GCCCUUAGGC         CCCUUCAAGA         GCCCUUAGGC         CCCUUCGAAGA         GCCCUUAGGC         GCCCUUAGGC         CCCUUCGAAGA         GCCCUUAGGC	8	0 0	4106	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCAUGA	23227
UNICCARA G UCCARANC         4108         GAAUNGGA GGA GCCGUNAGGC         UNCCUARA G UCCAUCARAGA         GCCGUNAGGC           GGABAGAG G UUUGGAAC         4110         AAACCAAA GGA GCCGUNAGGC         CCCUCUCAAGGA GCCGUNAGGC           GGAGAGAG G UUUGGUU         4111         AAACCAAA GGA GCCGUNAGGC         CCCUCUCAAGGA GCCGUNAGGC           ACGGUUUG G UUUGGUU         4112         ACACUAGGA GGA GCCGUNAGGC         CCCUCUCAAGGA GCCGUNAGGC           UGGUUAGU         4113         ACACUAGGA GGA GCCGUNAGGC         CCCUCUCAAGGA GCCCUUAGGC           UGGCUNAG         4114         ACACUAGGA GGA GCCGUNAGGC         CCCUCUCAAGA           UGGCUNAG         4115         ACACUAGGA GGA GCCGUNAGGC         CCCUUCAAGA           UGCCUNAAC         4116         CANCUGGA GGA GCCGUNAGGC         CCCUUCAACA           UGCCUAAAC         4116         GCAAAGGG GGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCGUNAGGC           UGCCAAACAC         4116         GCAAAGGG GGA GCCCUUCAAGGA GCCCUUCAAGGA GCCGUNAGGC           CCUACAACA         4116         GCAAAGGG GGA GCCCUUCAAGGA GCCGUNAGGC           CCUACAACA         4117         GUUCCAACA GGA GCCCUUAGGC           CCUACAACA         4112         GUUCCAACA GGA GCCCUUAGGC           ACAAAGAGA G UCCCUCAACAAA         4121         GUUCCAACAAAA           AGAAAGUC G UACCAACAAA         4122	2	ט	4107	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUGGG	23228
CGGAUCGA G CUUGGAAC         4109         GUUCCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           GGAAUCGA G UUGGGUU         4110         AAACCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           ACGAUUUG G UUGGCUU         4112         ACUTAGGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           UUTUGGUUGU G UCAGUGU         4113         ACACUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           UGGUUGUU G UCAGUGU         4113         ACACUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC CCUACACA 4118           UACACACAC G UGCUGAAA 4118         UUCCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC CCUACAAC 4112         UUCCAGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCUUCAAGGA GCCGUUAGGC CCCAAAAC 4112           UACACACAC G UGCUGAAA G UACCCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCAAAAC G UACCCAAA 4112         UUCGAACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCAAAAC 4112           ACAAAAGUC G UACCCAAA         4112         UUUGGGCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCAAAAC 4112           ACAAAAGUC G UACCCAAA         4112         UUUGGGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCUUCAAGGA GCCGUUAGGC CCCAAAAA G UAUCACAA 4112         GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCCUUCAAGA GCCGUUAGGC CCCAAAAA G UAAAAGAC G CCACAAAAA G UAGACACAA 4112         GCGUUAGCA G CCCCAAAAA	95		4108	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGGAA	23229
GGBAGACG G UUUGGUUU	41	CGGAUCGA G CUUGGAAC	4109	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGAUCCG	23230
ACGGUNUG G UNUGUBOCC         4111         GGCACAAA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UUUUGUUU G UGCCUNGU         4112         ACUAGGCA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UGGCUNGU G UGCCUNGU         4114         ACUCUUGA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UGGCUNGU G UGACANG         4114         ACUCUUGA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UGGCUNGU G UCACAAGG         4115         CAUCUUGA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UGCCUNU G CCUACAAC         4116         GCAAAGGG GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UCCUACAAC         4117         GUUGCACAA         4120           UCCAACAAC         4120         UUCGACAA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           UCCUACAACA         4121         UUCGACAA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           AACAGAAA         G UCGAAAAAA G UAGUCCAA         4120         UUCGAACAA GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC           AACAGAAA         G UCCAACAAAA         4121         UUCGACAAAAAA G UACACCAAAAAAA G UACACAAAAAAAAAA	689	GGAAGACG G UUUGGUUU	4110	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCUUCC	23231
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AGARAGUA G         UCCAAUUG         4121         CAAUUGGA GGA GCCGUUAGGC UCCCUCAAGGA           AACAGAAA G         UCGUACGA GGA GCCGUUAGGC UCCCUCAAGGA         4123         UCGUACGA GGA GCCGUUAGGC UCCCUCAAGGA           AGAAAAU G         UAAGAACG         4124         UUUGGGUA GGA GCCGUUAGGC UCCCUUCAAGGA           CCCAAAAU G         UAAGAACG         4125         CGUUCUUA GGA GCCGUUAGGC UCCCUUCAAGGA           AGAGCGGA G         UAAGAACG         4126         UGUGAUAA GGA GCCGUUAGGC UCCCUUCAAGGA           AAAUGGGG G         CUAACUUC         4127         GAAGUUAG GGA GCCGUUAGGC UCCCUUCAAGGA           ACUUCAAG G         CUAACUUC         4128         CCUGCUCG GGA GCCGUUAGGC UCCCUUCAAGGA           ACUUCAAG G         CUAAGGUGA         4129         UCACCUCG         GGA GCCGUUAGGC UCCCUUCAAGGA           CAAGGCAG G         CUAAGUGA         4129         UCACCUCG         GGA GCCGUUAGGC UCCCUUCAAGGA           CAAGGAAG G         GAAGGAGG G         CCGGAAAGA G         4130         UCUUCCGG GGA GCCCCUUCAAGGA           CCGGAAAGA G         GUGAAACCA G         4131         UCUUCCGG GGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCUUCAAGGA GCCCCUUCAAGGA GCCC	28		4120	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCUUUC	23241
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GARACGGA G         UNUGGGUA         GACGUUAGGC         UCCUUCAAGGA           CCCAAAAU         UAAGAACG         4125         CGUUCUUA         GGA GCGUUAGGC         UCCCUUCAAGGA           GGGACUUU         UUAUCACA         4126         UGUGAUAA         GGA GCGUUAGGC         UCCCUUCAAGGA           AAAUGGGG         CUAACUUC         4127         GAAGUUAG         GGA GCGUUAGGC         UCCCUUCAAGGA           AAAUGGCGA         CUAGCAGG         4128         CCUGCUCG         GGA GCGUUAGGC         UCCCUUCAAGGA           CAAGGAGA         4129         UCACCCUG         GGA GCGUUAGGC         UCCCUUCAAGGA           CAAGGAGG         UGAUUGAC         4130         GUCAAUCA         GGA GCGUUAGGC         UCCCUUCAAGGA           CAGGAAGA         4131         UCUUCCGG         GGA GCGUUAGGC         UCCCUUCAAGGA           CCGGAAAGA         4131         UCUUCCGG         GGA GCCGUUAGGC         UCCCUUCAAGGA           CCGGAAAGA         4132         GUUCAAUCA         GAAGGACA         4133         UGGUUAGC           AACGAUCA         GUAAACCA         4134         CAGGAUCAGG         GCCCUUCAAGGA         ACCCUUCAAGGA           AACCAUCU         GAAGGACA         4134         CAGGAUCAG         GCCCUUCAAGGA         ACCCUUCAAGGA <t< td=""><td>8</td><td>AGAAAGUC G UACGAGAC</td><td>4123</td><td>GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUUUCU</td><td>23244</td></t<>	8	AGAAAGUC G UACGAGAC	4123	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUUUCU	23244
CCCARANU G UAAGAACG         4125         CGUUCUUA GGA GCCGUUAGGC UCCCUCCAAGGA           GGGACUUU G UUAUCACA         4126         UGUGAUAA GGA GCCGUUAGGC UCCCUUCAAGGA           AAAUGGGG G CUAACUUC         4127         GAAGGUGG GGA GCCGUUAGGC UCCCUUCAAGGA           ACUUCAAG G CGAGGAGG         4128         CCUGCUC         GGA GCGUUAGGC UCCCUUCAAGGA           CGAGCAGG G UGAUUGAC         4130         UCACCCUG GGA GCCGUUAGGC UCCCUUCAAGGA           CGAGCAGG G UGAUUGAC         4131         UCUUCCGG GGA GCCGUUAGGC UCCCUUCAAGGA           CCGGAAAGA         4131         UCUUCCGG GGA GCCGUUAGGC UCCCUUCAAGGA           CCGGAAAGA         4131         UCUUCCAG GGA GCCGUUAGGC UCCCUUCAAGGA           AAGGAAACCA         4133         UGGUUUCAA GGA GCCGUUAGGC UCCCUUCAAGGA           AAGGAAAC         4134         CAGGAUUCA GGA GCCGUUAGGC UCCCUUCAAGGA           AACCAUCU G CAGUUAGGA         4134         CAGGAUCA GGA GCCGUUAGGC UCCCUUCAAGGA           AACCAUCU G CAGUUAGGA         4134         CAGGAUCA GGA GCCGUUAGGC UCCCUUCAAGGA           AACCAUCU G CAGUUAGGA         4135         UGUCACUCAAGGA GCCCUUCAAGGA           CAUUGACA G UGACAGGA         4136         UGCUUCAG GGA GCCCUUCAAGGA	8	GAGACGGA G UACCCAAA	4124	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG UCCGUCUC	23245
AANUGGGG         CUANCACA         4126         UGUGAUAA         GACGUUAGGC         UCCUUCAAGGA           AANUGGGG         CUAACUUC         4127         GAAGUUAG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CAAGGCAA         4128         CCUGCUC         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CAAGGCAA         GAAGUAAC         4130         UCACCCUG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CAGGAAAA         4131         UCUUCCGG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CCGGAAAAACA         4132         GUUCAACA         GOAAAACCA         4133         UGGUUAGGC         UCCCUUCAAGGA           AAGGAAAA         4134         CAGGAUCA         GAA         GCCCUUAAGGA         ACCCUUCAAGGA           AACCAUC         GAAGAACCA         4134         CAGGAUCA         GCCCUUCAAGGA         ACCCUUCAAGGA           AACCAUC         GAGGAAGA         4134         CAGGAUCA         GCCCUUCAAGGA         ACCCUUCAAGGA           AACCAUC         GAGGAAGA         4135         UGCUGUCA         GAGCGUUAGGC         UCCCUUCAAGGA           CAUGAACCA         4136         UGCUGUCA         GAGCGUUAGGC         UCCCUUCAAGGA         CCCUUCAAGGA           CAGGAAGA	4	d UAN	4125	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUUGGG	23246
AAUUGAGG         G CUAACUUC         4127         GAAGUUAG         GAGCUUAAGG         UCCUUCAAGGA           ACUUCAAG         G CAGGAGG         4128         CCUGCUCG         GGA         GCCGUUAGGC         UCCCUUCAAGGA           CGAGCAGG         G UGAUUGAC         4130         UCACCCUG         GGA         GCCGUUAGGC         UCCCUUCAAGGA           CGAGCAGG         G UGAUUGAC         4131         UCUUCCGG         GGA         GCCGUUAGGC         UCCCUUCAAGGA           CCGGAAAGA         4131         UCUUCCGG         GGA         GCCGUUAGGC         UCCCUUCAAGGA           GGAAGAACA         4132         GUUUCACA         GGA         GCCGUUAGGC         UCCCUUCAAGGA           AAGGAAGA         9 UGAAACCA         4133         UGGUUAGGC         UCCCUUCAAGGA           AAGGAAGA         9 UGAAACCA         4134         CAGGAUCA         GCCGUUAGGC         UCCCUUCAAGGA           AACCAUCU         6 CAGUAGGA         4134         CAGGAUCA         GCCGUUAGGC         UCCCUUCAAGGA           AACCAUCU         6 CAGUAGGACA         4135         UGUCACUCA         GCCGUUAGGC         UCCCUUCAAGGA           CAUCACAUC         6 CAGUAGACA         4136         UGUCACUCAACACA         CCCCUUCAAACAACA         CCCUUCAAACAACAAACAAACAAACAAAACAAAAAAAAA	27	o da	4126	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGUCCC	23247
ACUUCAAG G CGAGCAGG         4128         CCUGCUCG GGA GCCGUUAGGC UCCCUUCAAGGA           CAAGGCAG G CAGGGUGA         4129         UCACCCUG GGA GCCGUUAGGC UCCCUUCAAGGA           CGAGCAGG G UGAUUGAC         4130         GUCAAUCA GGA GCCGUUAGGC UCCCUUCAAGGA           GAUUGACA G CCGGAAGA         4131         UCUUCCGG GGA GCCGUUAGGC UCCCUUCAAGGA           GGAAGAGG G UGAAACCA         4132         GUUUCACA GGA GCCGUUAGGC UCCCUUCAAGGA           AAGGAAGA G UGAAACCA         4133         UGGUUUCA GGA GCCGUUAGGC UCCCUUCAAGGA           AACCAUCU G CAGUGACA         4134         CAGGAUCA GGA GCCGUUAGGC UCCCUUCAAGGA           AACCAUCU G CAGUGACA         4135         UGUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA           CAUCUGCA G UGACCUG         4136         UGUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA           CAUCUGCA G UGACUACA         4136         UGUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA	27	AAAUGGGG G CUAACUUC	4127	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCAUUU	23248
CAAGGCGA G         CAAGGCGA         4129         UCACCCUG         GAA         GCCGUUAGGC         UCCUUCAAGGA           CAAUGACAG         G         UGANUGAC         4130         GUCAAUCA         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CCGGAAGA         4131         UCUUCCGG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           GGAAGAGA         4132         GUUUCACA         GAA         GCCGUUAGGC         UCCCUUCAAGGA           AAGGAAGA         4133         UGGUUUCAA         GAA         GCCGUUAGGC         UCCCUUCAAGGA           AACCAUCU         G         CAGUGACA         4134         CAGGAUCA         GAA         GCCGUUAGGC           CAUCUGCA         4135         UGUCACUG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CAUCUGCA         4135         UGUCACUG         GAA         GCCGUUAGGC         UCCCUUCAAGGA           CAUCUGCA         4136         UGCUGUCA         GAA         GCCGUUAGGC         UCCCUUCAAGGA	69	ACUUCAAG G CGAGCAGG	4128	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGAAGU	23249
COMOGRAGO         G UGANUGAC         4130         GUCAAUCA GOA GCCGUUAGGC         UCCUCAAGGA           CAGGAAGA         4131         UCUUCAGO GOA GCCGUUAGGC         UCCCUUCAAGGA           CCGGAAGAG         4132         GUUUCACA GOA GCCGUUAGGC         UCCCUUCAAGGA           GGAAGAGA         4133         UGGUUUCACA GOA GCCGUUAGGC         UCCCUUCAAGGA           AACCAUCU         G CAGUUAGGC         UCCCUUCAAGGA           AACCAUCA         4135         UGUCACUG         GOA GCCGUUAGGC           CAUCUGAA         4136         UGUCACUG         GOA GCCGUUAGGC           CAUCUGAA         4136         UGCUGUCA         GOCGUUAGGC           CAGUGACA         G GAGCUAGGA         4137         ACUAGCUA	2	CAAGGCGA G CAGGGUGA	4129	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCCUUG	23250
CCGGAAGA   4131   UCUUCCGG GGA GCCGUUAGGC UCCCUUCAAGGA   CCGGAAGAA   4132   GUUCACA GGA GCCGUUAGGC UCCCUUCAAGGA   GGAAGAAGU G UGAAACCA   4133   UGGUUUCA GGA GCCGUUAGGC UCCCUUCAAGGA   AAGGAAGA G UGAUCCUG   4134   CAGGAUCA GGA GCCGUUAGGC UCCCUUCAAGGA   AACCAUCU G CAGUGACA   4135   UGUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA   CAUCUGCA G GAGCGAAG   CAGUGACA G GAGCGAAG   CAGUGACA G GAGCGAAG   CAGUGACA G GAGCGAAG   CAGUGACA G GAGCGAAG C CAGUAAGCA   CAGUGACA G GAGCGAAG C CAGUAAGCA   CAGUAACCA G GAGCGAAG C CAGUAAGCA   CAGUAACCA G GAGCGAAG C CAGUAACCA G CAGUAACCA   CAGUAACCA C C C CAGUAACCA C C C C CAGUAACCA C C C C C C C C C C C C C C C C C	B	g ug	4130	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGCUCG	23251
CCGGAAGA G UGUGAAAC	8	ပ်	4131	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCAAUC	23252
AAGGAGAGA G UGAAACCA 4133 UGGUUUCA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC AAGGAGAA G UGAUCCUG 4134 CAGGAUCA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC AACCAUCU G CAGUAACA 4135 UGCCACUA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAUCUGCA G UGACAGGA 4136 UGCUGUCA GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUAGCA G CAGUAGCUAG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUAGCA G CAGUAGCUAG AA GCCGUUAGGC CAGUAGGA GCCGUUAGGC CAGUAGCA G CAGUAGCA GCCGUUAGGC CAGUAGCA G CAGUAGCA GCCGUUAGGC CAGUAGCA G CAGUAGCA	97	g ugu	4132	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCCGG	23253
AACCAUCU G CAGUACCUG 4134 CAGGAUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAUCUGCA G UGACAGCA 4136 UGCUGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUGACA G CAGUAGCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUGACA G CAGUAGCUAG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUAGCA G CAGUAGCUAG GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUAGCA G CAGUAGCUAGA GCCGUUAGGC CAGUAGCA GCCGUUAGCA GCCGUUAGGC CAGUAGCA GCCGUUAGGC CAGUAGCA GCCGUUAGCA	5	GGAAGAGU G UGAAACCA	4133	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUCC	23254
AACCAUCU G CAGUGACA 4135 UGUCACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAUCUGCA G UGACAGCA 4136 UGCUGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUGACA G CAGUGACA G CAGUAGCUA GAA GCCGTIIIAAAGA GCCGTIIICAAAGA GCCGTIIIAAAGA GCCGTIIIAAAAGA GCCGTIIIAAAAGA GCCGTIIIAAAAGA GCCGTIIIAAAAAAAA GCCGTIIIAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	32	AAGGGAGA G UGAUCCUG	4134	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCCUU	23255
CAUCUGCA G UGACAGCA 4136 UGCUGUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CAGUGACA G CAGUGACA G CAGUAGCUA GAA GCCGIIITAGAC UCCCUUCAAGGA GCCGUIAGACA GCCGIIITAGAC UCCCUUCAAGGA GCCGIIITAGAC UCCCUUCAAGGA GCCGIIITAGAC UCCCUUCAAGGA GCCGIIITAGAC UCCCUUCAAGGA GCCGUIAGACA GCCGIIITAGAC UCCCUUCAAGGA GCCGUIAGACA GCCGUIAGACA GCCGUIAGACA GCCGUIAGACA GCCGUIAGACA GCCGUIAGACA GCCGUIAGACA GCCGUIAGA GCCGUIAGACA GCCGUIAGA GCCGUIAGA GCCCGUIAGA GCCGUIAGA GCCCGUIAGA GCCCGUIAGA GCCGUIAGA GCCCGUIAGA GCCGUIAGA GCCGUIAGA GCCGUIAGA GCCGUIAGA GCCCGUIAGA GCCGUIAGA GCCCGUIAGA	26	AACCAUCU G CAGUGACA	4135	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUGGUU	23256
CAGUGACA G CAGCUAGU   4137   ACUAGCUG GGA GOCGUIAGGA UICCOUNTORAGGA GCCGUIAGGA	6	CAUCUGCA G UGACAGCA	4136	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGAUG	23257
מבי	55		4137	ACUAGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCACUG	23258

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5968	UGACAGCA G CUAGUGCC	4138	GGCACUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIITAGGC IICCGGG IIGCIICIA	22250
5972	AGCAGCUA G UGCCGCCC	4139	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23253
5974	CAGCUAGU G CCGCCCAG	4140	GCCGUUAGGC	23261
5977	CUAGUGCC G CCCAGAGA	4141	UCCCUUCAAGGA GCCGUUAGGC	23262
5987	g UGG	4142	UCCGGG	23263
5993	G UAU	4143	UCCGGG	23264
5999		4144	UCCGGG	23265
6009	AGAAAUCC G UCGCAAGU	4145	GGA GCCGUUAGGC UCCCUUCAAGGA	23266
6012		4146	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23267
6016	g ang	4147	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23268
6020	G UGA	4148	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23269
6027	G UACT	4149		23270
6032	G UNAL	4150	CCCCAUAA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUACUCA	23271
6042	5 5 0	4151	unceueue eea ecceuraeec uccourcaaeea ecceuraeec ucceee coccoara	23272
6070		4152	UCCGGG	23273
6085		4153	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23274
9609	g cug	4154	GGA GCCGUUAGGC UCCCUUCAAGGA	23275
6114	ည် စ	4155	ccennues san eccennadec ucconcaasea eccennasec uccess auenneau	23276
6130		4156	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23277
6150		4157	UNCUCACO GGA OCCOUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGUUG	23278
6152	- 1	4158	CCUUCUCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCUGGU	23279
6160	GUGAGAAG G UAUAUACC	4159	GGA GCCGUUAGGC UCCCUUCAAGGA	23280
6186		4160	GGA GCCGUUAGGC	23281
6222	- 1	4161	GGA GCCGUUAGGC	23282
25.20	- 1	4162	GGA GCCGUUAGGC	23283
6240		4163	gg.	23284
6244		4164	GGA GCCGUUAGGC UCCCUUCAAGGA	23285
6249		4165	GGA GCCGUUAGGC	23286
6553		4166	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23287
7070	- 1	4167	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23288
6265	ا ت	4168	GGA GCCGUUAGGC UCCCUUCAAGGA	23289
9729	- 1	4169	GGA GCCGUUAGGC	23290
1/70		4170	GGA GCCGUUAGGC UCCCUUCAAGGA	23291
1/79	CGGCUGGA G UGUCAUAC	4171	GGA GCCGUUAGGC	23292
62/3	o ucau	4172	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23293
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65.62	ACAACGAA G UGGAAGUC	4177	GACUUCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUUGU	23298

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6355	AAGUGGAA G UCAUCACG	4178		
1		4179	GRA GCCGITTAGG TICCHTICANGCA GCCGUUAGGC UCCGGG	23299
١	១	4180	GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC	23300
		4181	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC 11CCGG	23302
		4182	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23303
		4183	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23304
	- 1	4184	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC	23305
	!	4185	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23306
	5	4186	GGA	23307
	- 1	4187	CUUVAGUG GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG CUGGVGAV	23308
		4188	COUGAACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUAGUG	23309
	CURARGGC G UUCAAGGA	4189	UCCUUGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUUUAG	23310
	AGGACTUC G CCUCGGGA	4190	GCCGUUAGGC UCCGGG	23311
- 1	5	4191	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23312
- 1	១	4192	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23313
1		4193	UCCCAGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAUGA	23314
- 1		4194	VECUCAGE GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AUCUUUCC	23315
- 1		4195	AUGAAGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGCAU	23316
١,	CAUGGGAA G CACUUGAC	4196	GCCGUUAGGC UCCGGG	23317
- 1	G C	4197		23318
- 1		4198	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23319
ı	8	4199	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23320
- 1		4200	ğ	23321
- 1	UGGCCACU G CAGAGAAA	4201	GGA GCCGUUAGGC	23322
- 1	GAGGAAGA G CUCACAGA	4202	GGA GCCGUUAGGC UCCCUUCAAGGA	23323
- 1	미	4203	GGA GCCGUUAGGC	23324
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- 1	Deccadad e cocoocas	4205	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23326
- 1	AGACAAUU G CCUUGAUU	4206	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23327
1	CCUUGAUU & CCUUAUUG	4207	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23328
- 1	CUUAUUGA G UGUGAUGA	4208	GGA GCCGUUAGGC	23329
	9	4209	GGA GCCGUUAGGC UCCCUUCAAGGA	23330
1	e OB	4210	GGA GCCGUUAGGC	23331
- 1	5	4211	UNCCGCUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGGAG	23332
ı	CUCAUGCA G CGGAAGGG	4212		23333
- 1		4213	GGA	23334
	AAAGAUAG G UUUGGGAG	4214		23335
- 1	UUUGGGAG G CGCUGUCU	4215	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23336
- 1	UGGGAAGGC G CUGUCUUG	4216	€g	23337
- 1	GAGGCGCO G DCDOGGGA	4217	UCCCAAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCGCCUC	23338

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6733	ucuuggen g ucgceacc	4218	GEUCECEA GEA GCCGUUAGEC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAGA	23339
6736	UGGGAGUC G CGACCUUU	4219	GCCGUUAGGC	23340
6749	o uuc	4220	CCAUCCAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAAAG	23341
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6763	UGGCUGAA G UUCCAGGA	4222	GGA GCCGUUAGGC UCCCUUCAAGGA	23343
6781	CGAAGAUC G CCGGAAUG	4223	GGA GCCGUUAGGC UCCCUUCAAGGA	23344
6289		4224	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23345
6792	g CG	4225	GGA GCCGUUAGGC UCCCUUCAAGGA	23346
6795	ğ	4226	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23347
6817	٥Ì	4227	GGA GCCGUUAGGC UCCCUUCAAGGA	23348
6819	AUGAUUGU G CUAAUUCC	4228	GGA GCCGUUAGGC	23349
6831		4229	UNCUCUGG GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG UCAGGAAU	23350
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6845		4231	UCUGCGAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGCUUC	23352
6849	S S	4232	UCUGUCUG GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG GAACGUUG	23353
6864	GACAACCA G CUAGCCGU	4233	ACGGCUAG GGA GCCGUVAGGC UCCCUUCAAGGA GCCGVVAGGC UCCGGG UGGVVGUC	23354
6868	ACCAGCUA G CCGUGUUC	4234	GAACACGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCUGGU	23355
6871	AGCUAGCC G UGUUCCUG	4235	UCCGGG GGCUAGCU	23356
6873	cuageceu e uuccugau	4236	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGCUAG	23357
6884	G UGI	4237	UCAUGACA GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AAAUCAGG	23358
9889	g nc	4238	GGA GCCGUUAGGC	23359
6898	미	4239	GGA GCCGUUAGGC UCCCUUCAAGGA	23360
6902	CCUUGUGA G CGCAGUGG	4240	GGA	23361
6904	UUGUGAGC G CAGUGGCA	4241	GGA GCCGUUAGGC	23362
6907	UGAGCGCA G UGGCAGCC	4242	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23363
6910		4243	GGA	23364
6913		4244	GGA GCCGUUAGGC	23365
6926	CGAGAUGG G UUGGCUAG	4245	GGA GCCGUUAGGC UCCCUUCAAGGA	23366
6930	AUGGGUUG G CUAGAUAA	4246	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCCAU	23367
6947	GACCAAGA G UGACAUAA	4247	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUGGUC	23368
6956		4248	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23369
6969	9 B	4249	GGA GCCGUUAGGC	23370
6963	8 8	4250	GGA GCCGUUAGGC	23371
6969	5	4251	AUUCUUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACAA	23372
6982	g UCA	4252	CUCCUUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAUUC	23373
6998	GAAUUUCA G CAUGGGAG	4253	CUCCCAUG GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG UGAAAUUC	23374
7008	AUGGGAGA G UUUCUUUU	4254	AAAAGAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCCAU	23375
7026	GACUUGAG G CCGGCAAC	4255	GUUGCCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAGUC	23376
7030	5	4256	GOCUGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCUCA	23377
7036	CGGCAACA G CCUGGUCA	4257	UGACCAGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGCCG	23378

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7041	ACAGCCUG G UCACUGUA	4258	ŀ	
7047	UGGUCACU G DACGCUGU	4259	GGB GOOTHINGS HOOMINDANGS COOTHINGS HOOGO CAGGOOGO	23379
7051	CACUGUAC G CUGUGACA	4260	den generation medermens generalle secretaria Aguareca	23380
7054			SON SCHOOLSE OCCUPANTE GUEDUAGGE UCCGGG GUACAGUG	23381
2063	CHOCKED C CORRECTEDIT	102	ega eccepuades ucconcaaga goognaago uccego agoenaca	23382
7066	Canada a coorda	4707	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUCA	23383
0000		4263	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGUUG	23384
2007		4264	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGAGU	23385
980/	CUGCUAAA G CAUUUGAU	4265	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGCAG	23386
10.58	UUGAUCAC G UCAGAUUA	4266	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUCAA	23387
1135	CAAUAAAC G UUCAGGCA	4267	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUAUUG	23388
7,14,1	ACGUUCAG G CAAGUGCA	4268	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGAACGU	23389
7143		4269	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCUGA	23390
1741	5	4270	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUGCCU	23391
7162	UCACACUC O COCGAGGC	4271	GAGUGUGA	23392
7164	ACACUCGC G CGAGGCUU	4272	UCCGGG GCGAGUGU	23393
7169	CGCGCGAG G CUUCCCCU	4273	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCGCGCG	23394
7180	UCCCCUUC G UCGAUGUU	4274	GCCGUUAGGC UCCGGG GAAGGGGA	23395
7186	3 3	4275	UCCGGG ATTCGACGA	23306
7192	AUGUUGGA G UGUCGGCU	4276	UCCCUUCAAGGA GCCGUIIAGGC IICCGGG IICCAACAII	23330
7194	GUUGGAGU G UCGGCUCU	4277	UCCCTUICAAGGA GCCGTTTAGGC TTCCGGG ACTICCAAG	22300
7198	anguence e cucuccue	4278	GGA GCCGUIAGGC HOCCHICAAGGA GCCGUIAGGC HCCCGG GGAAGAGGA	23330
7206	GCUCUCCU G CUAGCAGC	4279	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAAAC IICCGAA AAAAAAAC	23400
7210	UCCUGCUA G CAGCCGGA	4280	TOCOMIC COOKINGOOD WOOM WITHOUT	
7213	UGCUAGCA G CCGGAUGC	4281	dan generation incoming and accountage incomi	23401
7220	AGCCGGAIT G CTIGGGGA	4282	SON SECONDARIA SECUNDARIA SECUNDARIA DECURA DECURACIONA	23402
7231	GGGGACA G HOACCOIC	4202	GER GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCGGCU	23403
7263		4403	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCCCC	23404
7249		4784	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGAGGG	23405
7255		4285	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAACGG	23406
725B		4780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUACCG	23407
7227	Commune o concerno	1875	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUGUUA	23408
7282	OCCAPATIVE O CONTROLLO	4288	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAAGG	23409
7201	COLUMNIA G LEGACIONE	4289	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGUGGC	23410
720g	Centrol o control	4290	GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUNGGC UCCGGG CAUGUAGG	23411
1302	SHANDSON B BUTTONO	4291	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGAACC	23412
3000	CCCGGOOG G CAAGCOGA	4292	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACCGGG	23413
7313	GOOGGCAA G COGAGGCA	4293	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCAAC	23414
/312	- 1	4294	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGCUU	23415
/31/		4295	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCCUC	23416
7319	g CGC	4296	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAUUGCC	23417
7324	UGCGCUCA G CCCAGCGG	4297	CCGCUGGG GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCGCA 2	23418

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	GCCCAGCG G CGGACAGC	4200	GOTOTICO GOT GOOTTE		23419
7339	GGCGGACA G CGGCCGGA	4300	TICCOCCC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC	വദേദദേ	23420
7342	ט	4301	GAITHCOCK CON COCKITINGS TICKETTO		23421
7360	UGAAGAAC G CUGUAGUG	4302	Cacitacae den ecceptualese uccconcadea ecceptualese		23422
7363	AGAACGCU G UAGUGGAII	4303	AITONOITY CON COCUMBER UCCCOUCAAGGA GCCGUDAGGC		23423
7366		4304	GCONTOR GON GCOGIIINGGO UCCCUUCAAGGA GCCGUUAGGC		23424
7373	S CA	4305	CCACCANTG CON COCCUMINACIO TICCONCAAGGA GCCGUUAGGC		23425
7378	O UG	4306	CONTROLL GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	•	23426
7381	D O	4307	CHICOHOR CON COCHIEF CON TRACES GCCGUUAGGC		23427
7390	CCACGGAC G UCCCAGAA	4308	INICIOCAL GOA GCCGUDAGGC UCCCUUCAAGGA	CACGAUGC	23428
7404	GAAUUAGA G CGCACCAC	4300	GUCCUSCA GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	യാടങ്ങൾ	23429
7406		4310	GINDINGTIO CON COCCUTTING THE THEORY OF COUNTY COLUMBIOCOCCUTTING COLU	UCCGGG UCUAAUUC	23430
7422	5	4311	Infillifying day condument more more accountaged		23431
7432		4312	GGA GCCGIIINGG ICCCIUCAAGGA GCCGUUAGGC	AUGAUGGG	23432
7446	CAGAUCAU G CUGAUCUU	4313	GOA GOOGHINGOO HOGGINGON GOOGGOOGGOOGGOOGGOOGGOOGGOOGGOOGGOO	Uccess unocoucu	23433
7456		4314	GGA GOOGHINGS INCOMENSOR GOOGHINGS		23434
7458	AUCUUGGU G UCUCUAGO	4315	Gen Googningon Hoomman and Genedulated	CAAGAUCA	23435
7465	g cug	4316	GGA GCCGIIIAGGG IICCCIIICANGGA GCCGGUAGGC		23436
7468	CUCUAGCU G CAGUAGUA	4317	CON COCCUMENTATION TO THE CONTROL COCCUMENCE CONTROL OF THE CONTRO		23437
7471	G UAG	4318	GGA GCCGIIIIAGGG WCCCUUCAAGGA GCCGUUAGGC		23438
7474	CUGCAGUA G UAGUGAAC	4319	GGN GOOGHINGOO HOGGINGS GGN	UGCAGCUA	23439
7477	CAGUAGUA G UGAACCCG	4320	CON COCCUMINACIO TICCONCARGEA GUAGUIDAGE	UCCGGG UACUGCAG	23440
7485	GUGAACCC G UCUGUGAA	4321	GGA GCCGIIINGCC INCCMITATIONS GGS	UCCGGG UACUACUG	23441
7489	G UGA	4322	CON COCCUMACION MOCEMBER SECCEDUAGEC	GGGUUCAC	23442
7498	UGAAGACA G UACGAGAA	4323	GGA GOOGHINGEO HOOTHINGS GOOGHINGS GOOGHINGS	1	23443
7507	UACGAGAA G CCGGAAUU	4324	GGB GOOGHINGOO HOOGHIST COST	UCCGGG UGUCUUCA	23444
7525	UGAUCACG G CCGCAGCG	4325	GAN GOOGHINGOO HOOMINGINGS GOOGHINGS	7	23445
7528	25	4326	GGA GOCCHINGO HOGHING GCC GODAGGC		23446
7531	0 093	4327	GGA GCCGIIIAGGC IICCCIIICANGGA GCCGUUAGGC	GGCCGUGA	23447
7534	CCGCAGCG G UGACGCUU	4328	GGA GOOGHIAGO HOOMIONNON GOOGHIAGO	വദേദദേദ	23448
7539	GCGGUGAC G CUUUGGGA	4329	Gab GOOGHINGOO HOOGHIONNAN AND ACCOUNTED	7	23449
7555	AGAAUGGA G CAAGCUCU	4330	GOA GOOTHINGS HOSTINGS	7	23450
7559	• .	4331	GGA GCCGITIAGGC INCCTITIONACCA GCCGUDAGGC UCCGGG		23451
7564	CAAGCUCU G UUUGGAAC	4332	GGA GOOTHIAGO HOOMINA AGA GOOTHIAGA	1	23452
7573	G CAA	4333	GGA GCCGITTAGGC	1	23453
7582	CAACAACU G CCAUCGGA	4334	GGA GCCGIIIAGGC HCCCTITICAACGA GCCGUOAGGC	1	23454
7595	CGGACUCU G CCACAUCA	4335	GAA GCCAIIIAGC ICCCMICAAGGA GCCGUUAGGC UCCGGG	1	23455
7605	CACAUCAU G CGUGGGG	4336	CON COORTINGO HOOFTIST SEE GEEGUDAGE UCCGGG	1	23456
7607	CAUCAUGC G UGGGGGIIII	4337	CON COCCUMENCE UCCCOUCAAGGA GCCGOUAGGC UCCGGG	1	23457
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7613	aceuages e unacuueu	4338	ACAACCAA gga GCCGIIIAAGGC UCCCIIIICAAGGA GCCGIIIIAAGG IICAGGA CACAAAGGA	23450
7617	GGGGGUUG G UUGUCAUG	4339	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23460
7620		4340		23461
7625		4341	UGGAUAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACAAC	23462
7682	AAAAAGAG G UGGGGCAA	4342	UNGCCCCA GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUNAGGC UCCGGG CUCUTUU	23463
7687	GAGGUGGG G CAAAAGGA	4343	GGA	23464
7697	5	4344	GGA	23465
7711		4345	GGA GCCGUUAGGC	23466
7749	- 1	4346	GGA GCCGUUAGGC	23467
7758		4347	GGA	23468
7763		4348	GGA	23469
7771		4349	GAUGAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUUGC	23470
7783	UCAUCGAA G UCGAUCGC	4350	GCGAUCGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGAUGA	23471
7790		4351	CCGCUGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCGACU	23472
7795		4352	UNUUGCCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCGAU	23473
7798	5 O	4353		23474
7807	CAAAACAC G CCAGGAAA	4354	UUUCCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUUUUG	23475
7820	GAAAGAAG G CAAUGUCA	4355	UGACAUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUUUC	23476
7825	AAGGCAAU G UCACUGGA	4356	UCCAGUGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCCUU	23477
7836		4357	ACUGGAUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCAGU	23478
7843	ט	4358	CCUAGAGA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAUGCC	23479
7853	0	4359	UUGCUGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUAGAG	23480
7858		4360	GGA GCCGUUAGGC	23481
7872	CUGAGAUG G CUGGUCGA	4361	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23482
7876	9	4362	GGA GCCGUUAGGC UCCCUUCAAGGA	23483
7887	B 20	4363	GGA GCCGUUAGGC	23484
7900	0 CC	4364	GGA GCCGUUAGGC	23485
7909		4365	gga gccguuaggc ucccuucaagaa gccguuaggc uccggg	23486
7925	CCUUGGAU G UGGAAGAG	4366	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23487
7934	UGGAAGAG G CGGUUGGU	4367	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23488
7937	e age	4368	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23489
7941	. 1.	4369	GGA GCCGUUAGGC	23490
7943	g Egy	4370	GGA GCCGUUAGGC UCCCUUCAAGGA	23491
7954		4371	GGA GCCGUUAGGC	23492
7969	AAAAAGA G UCCAAGAA	4372	GGA	23493
7978	UCCAAGAA G UCAGAGGG	4373	GGA GCCGUUAGGC	23494
7986	S	4374	UUUGUGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCUGAC	23495
7997	CACAAAGG G CGGUCCCG	4375	GGA GCCGUUAGGC UCCCUUCAAGGA	23496
8000	O CC	4376	GGA GCCGUUAGGC UCCCUUCAAGGA	23497
8016	CAUGAAGA G CCCCAACU	4377	AGUUGGGO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCAUG	23498

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8026	CCCAACUA G UGCAAAGU	4378	ACTUNISCA GGA GCCGITIAGGC UCCCITICAAGGA CCCGITIAACGC TACATAGAC	
8028	CAACUAGU G CAAAGUUA	4379	GGA GCCGUUAGGC UCCCIIICAAGGA	23499
8033		4380	GCCGUUAGGC UCCCUUCAAGGA	23500
8050	GGAACAUU G UCACCAUG	4381	GCCGIIIIAGGC HCCCIIIICAAGGA GCCGTIIIAGGC	23301
8063	CAUGAAGA G UGGAGUGG	4382	GGA GCCGIIIAGGC IICCCIIICAAGGA	23502
8068	90	4383	Gata Googianaaco toccooccasada decedonado occasa	23503
8074	1	4384	dda decembage meetheraan	23504
8076	9	4385	day Googillando itoomicayor occasion	23505
8094	9	4386	GON GCCGTTRGGG TICCCTTTCN ACON ACCOUNTS ACC	23506
9608		4387	GAB GCCGITIAGGC INCICITION ACCOUNTING CONTINUES CONTINUE	23507
8033	UGAGUGUU G UGACACCC	438B	den ecceptande uccontrante ecceptuagge uccege	23508
8114		4389	GON GOOGHINGOO HOOMING GOOGHINGGO UCCGGG	23509
8127	On o	4390	COCHIMICO INCOMERCE GENERAL GOVERNOR GENERAL DECIGER	23510
8133	G UC	4391	GGA GCCGITTAGGC	23511
8138	CUCGUCAA G UGCUGAGG	4392	GGA GCCGTIIAGGC ICCCTITCAAGGA GCCGTIIAGGC ICCGGG	23512
8140	CGUCAAGU G CUGAGGUU	4393	GGA GCCGUIAGGC IICCCIIICAAGGA GCCGTIIAGGC	23313
8146	ភ្ជិភ	4394	GGA GCCGUUAGGC UCCCUICAAGGA GCCGIIIIAGGC IICCGGG CIICAACA	23514
8154	GUUGAAGA G CAUAGGAC	4395	GCCGITIAGGC ITCCGC ITCTAAC	22515
8170	CGAUUCGG G UCCUUGAA	4396	GCGUUAGGC UCCCUICAAGGA GCCGTITAAGGC ITCCGGG CCGAAAITCG	23510
8182		4397	GGA GCCGUUAGGC UCCCUIICAAGGA GCCGIIIIAGGC IICCGGG CAITTICEA	22510
8193	вавалств в спасассв	4398	UCCCUUCAAGGA GCCGUIJAGGC IICCGGG CAGIICCTIC	23510
8196	GACUGGCU G CACCGAGG	4399	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23520
8205	9	4400	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCGGUG	23521
8219		4401	UCCGGG AAAAUUCC	23522
8221	9	4402	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAAAAUU	23523
8227	g UGC	4403	CUUCACGC	23524
8229		4404	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUUCAC	23525
6234	GCGTTAGETT G CCCCUACA	4405	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCACC	23526
1228	HOCONAL C CCGAAAGU	4406	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUAGGG	23527
8268	PAGATIGOS O CHOCHIOCH	440/	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUVCGGCA	23528
8271		4408	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUCUU	23529
8279		4403	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCCAU	23530
8283		44.10	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGAGC	23531
8299		7,7	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCGUUG	23532
8328	ABITICORO G CONGRAMO	77,77	dea eccentrage uccenterage eccentrage uccase casucee	23533
8337	CACGAGAIL O HALBAGAIL		GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGAAUU	23534
8344		44.14	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCGUG	23535
8348		4415	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAUACA	23536
8353	- 1	4416	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACCCAA	23537
1		4417	GCCUGAAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGACUCA	23538

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	CAGGCAAU G UGGUACAU	4419	GGA GCCGUUAGGC UCCCITICAAGGA GCCGITIAGGC	וויריפת אווויפיריות	23233
8368	GCAAUGUG G UACAUUCA	4420	GGA GCCGUDAGGC UCCCUTICAAGGA GCCGITTAGGC	SO POSCOG	23541
8377	UACAUUCA G UGAAUAUG	4421	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGGC	GG HGAAHGHA	23542
8390	ဗ	4422	GCCGUUAGGC		23543
8395	g ng	4423	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC		23544
8397	G	4424	CCUAGGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		23545
8452		4425	CAAGUUUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	AGG AUCTUCCU	23546
8465	CUUGGGAA G UGGAACCA	4426	1	AGG UUCCCAAG	23547
8476	GAACCAGG G CGGUGGGA	4427	GGA	GG CCUGGUUC	23548
8479	CCAGGGCG G UGGGAAAA	4428	GGA GCCGUUAGGC UCCCUUCAAGGA	මුල පුළුපුදුවල්	23549
8493		4429	GGA	GG AGGGGUUU	23550
8270	G UA	4430	UGAUTUTA GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG	ag ugauancu	23551
8541		4431	UACUCACG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GG CUGAGUCG	23552
8543		4432	UGUACUCA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GG GCCUGAGU	23553
8547	AGGCGUGA G VACAGUUC	4433	UCCCUUCAAGGA		23554
8552	UGAGUACA G UUCGACGU	4434	ACGUCGAA GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	GG UGUACUCA	23555
8559	g NG	4435	UGGUGCCA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GG GUCGAACU	23556
8562		4436	UCGUGGUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		23557
8606		4437	CAUPACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GG CGUGAUAG	23558
8609		4438	CAUCAUAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		23559
8617	GUUAUGAU G UGAAGCCC	4439	GGA GCCGUUAGGC UCCCUUCAAGGA	GG AUCAUAAC	23560
8622	GAUGUGAA G CCCACAGG	4440	GGA GCCGUUAGGC	GG UUCACAUC	23561
8630	GCCCACAG G CUCCGCCA	4441	GGA GCCGUUAGGC UCCCUUCAAGGA	ge cueneeec	23562
2635	CAGGCUCC G CCAGUUCG	4442	GGA	GG GGAGCCUG	23563
8639	cuccecca e uucacuaa	4443	<b>8</b>	GG UGGCGGAG	23564
8643	GCCAGUUC G CUGGUCAA	4444	GGA GCCGUUAGGC	GG GAACUGGC	23565
8647	GUUCGCUG G UCAAUGGA	4445	GGA GCCGUUAGGC	GG CAGCGAAC	23566
0000	5 0	4446	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	ge uccauuga	23567
6000	. І	4447	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC		23568
1000	במפפספים פ במכנסנים	4448	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GG CUGACCAC	23569
0000		4449	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	UCCGGG AUUCGUGA	23570
0775		4450	GGA GCCGUUAGGC	ag caugauga	23571
0 / 20	CCCOOCAG G CAGCAGCG	4451	GGA GCCGUUAGGC	3G CCGAAGGG	23572
0/39	5	4452	GGA GCCGUUAGGC UCCCUUCAAGGA	3G UGCCCGAA	23573
7,10	3 3	4453	GGA GCCGUUAGGC	ag ugcugccc	23574
8/40		4454	GGA GCCGUUAGGC	39 ರಂತಯಾಂಬ	23575
8/48	വാ	4455	<b>8</b>	ACUCGCUG	23576
8761	0	4456		39 දෙගදෙගද	23577
6//3	ACACGAAA G CUCCUGAA	4457	UNCAGGAG GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUNAGGC UCCG	uccesa unucanan	23578

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8784	CCUGAACC G CCAGAAGG	4458	CCUUCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUUCAGG	23579
8794	D D	4459	GCCGUUAGGC UCCGGG	23580
8799	0	4460	AGCACGUA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACUCC	23581
8803		4461	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACUUCA	23582
8805	0	4462	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUACUU	23583
9826	. 1	4463	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUUGGU	23584
8829		4464	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAGUU	23585
8833	Gennance a cannuna	4465	1 1	23586
8835		4466	GGA	23587
8842	- 1	4467	UUCUCUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAACG	23588
8855		4468	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUUUCU	23589
8865	CCCAGAAU G UGCUCUCG	4469	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUGGG	23590
8867		4470	CUCGAGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUUCUG	23591
8893	- 4	4471	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCUUA	23592
8900		4472	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGACC	23593
8905		4473	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCUGU	23594
8908	GCAAUGCA G CUUUGGGU	4474	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAUUGC	23595
8915		4475	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAAGCU	23596
8917	ဗ	4476	AAACAUGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAAG	23597
8922		4477	UCUUCAAA GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGCACC	23598
8931	!	4478	UGAUUCUG GGA GCCGUUAGGC UCCCIUCAAGGA GCCGUUAGGC UCCGGG UCUUCAAA	23599
8948	8	4479	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCCAU	23600
8950	GGAGGAGC G CCAGAGAA	4480	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCCUCC	23601
8959		4481	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCUGG	23602
8962	밁	4482	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUCUC	23603
8989	9	4483	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUCCC	23604
9000	ខ	4484	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCAUC	23605
2002	UGAGGAGC G CGAGGCAC	4485	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCCUCA	23606
200	AGCGCGAG G CACAUCUG	4486	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCGCGCU	23607
2015	GCACAUCU G CGGGGGA	4487	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUGUGC	23608
3026	9	4488	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCCCC	23609
9035	ין ט	4489	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUGUGA	23610
8/02		4490	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAAGGC UCCGGG UCUCCGGG	23611
3088	١٥	4491	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCCGA	23612
806	CAAGGGAA G CAGAGCCA	4492	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCUUG	23613
9103	GAAGCAGA G CCAUUUGG	4493	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCUUC	23614
9111	3	4494	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAUGGC	23615
9117	ğ	4495	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAACCA	23616
9120	0	4496	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUGAA	23617
9127	васисвом в сисветии	4497	AAAGCGAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAGCC	23618

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٥	ပ္တ	4499	GCCUCGAA GGA GCCGUUAGGC HCCTHICAAGGA CCCGCTHIA	AGCUCCG	23619
0	B	4500	TOCHTICA AGA GCCGUAGGC UCCGGG	CCAGAAA	23620
O	Ħ	4501	GGA GCCGITTAGGC VCCCOUCAAGGA GCCGUUAGGC VCCGGG	CUCGRACU	23621
	g	4502	GGA GCCGITTAGGC TICCCTTCAAGGA GCCGUUAGGC UCCGGG	CCAGAGCC	23622
	ဗ္ဗ	4503	GGA GCCGTTTAGGC TCCCTTCAAGGA GCCGUUAGGC UCCGGG	CAGUGGUC	23623
0	ပ္က	4504	GGA GCCGITTAGG UCCGTTGT GCCGGG	cuccuccu	23624
	ပ္ပ	4505	GGA GCCGIIIIAGC ICCCUICAAGGA GCCGUUAGGC UCCGGG	ACCUCCUC	23625
1	8	4506	GGA GCCGITTAGG TIGGTTTELL	CCUCGACA	23626
	ပ္ပ	4507	GGA GCCGIIIAGO IOCCCIOCAAGGA GCCGUUAGGC UCCGGG	CCAAGCCC	23627
	B	4508	Gab accountage uccontrated GCCGUUAGGC UCCGGG	CCAGUUUU	23628
	g	4509	GGA GCCGIIIIAGCC ICCCTIIICANGGA GCCGUUAGGC UCCGGG	AGGAUGUA	23629
5	ပ္ပ	4510	GGA GCCGIIIIAGGC INCIGNAGGA GCCGUUAGGC UCCGGG	GCAGGAUG	23630
0	ည္က	4511	GGA GCCGIIIIAGGC ICCCTIICANAGGA GCCGUUAGGC UCCGGG	UUCACGCA	23631
1	36	4512	GGA GCCGIIIIAGC ICCCIIICAAGGA GCCGUUAGGC UCCGGG	CAACUUCA	23632
- 1	S	4513	GGA GCCGIIIIAGC IOCCIIICANGGA GCCGUUAGGC UCCGGG	CGGGUGCC	23633
ಶ	AC.	4514	GGA GCCGIIIIAGGC ICCCTIICANGGA GCCGUUAGGC UCCGGG	CCCCAGGC	23634
	စ္တ	4515	GGA GCCGIIIIAGG IICCGIIIAGG IICCGGG	AUAGAUCU	23635
	5	4516	AGA ACCUMAGO MOGUMAGO GCCGUDAGG UCCGGG	UGUGUCAU	23636
	8	4517	GGB GCCGIIIIAGA IIGGGIIIAGGG UCCGGG	CAGCUGUG	23637
	g	4518	GGA GCCGUTAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGGUGUCC	23638
	g	4519	GGA GCCGIIIACGT INCOMESS.	UCUCGUGA	23639
g NG	g	4520	GGA GCOSTINACCO TICCOTTICATIONS	ບບຕອບບບບ	23640
	Þ	4521	GGA GCCGIIIAGGC IICCTIICAAGGA GCCGUUAGGC UCCGGG	CUUAGCUU	23641
auganuaa a auganuaa	¥.	4522	GGA GCCGUIJAGGC INCOMITCAAGGA GCCGUUAGGC UCCGGG	ACCUUAGC	23642
CUUGAGCU G CUUGAUGG	ğ	4523	GGA GCCGITIAGGC ITCCTITICALGGA GCCGUUAGGC UCCGGG		23643
	ည္က	4524	GGA GCCGITTAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG		23644
S S	A.	4525	GGA GCCGIUAGGC INCOMICAAGGA GCCGUUAGGC UCCGGG	CGAUGUUC	23645
S O	ည	4526	GGA GCCGUUAGGC ICCCUITCAACA GCCGUUAGGC UCCGGG		23646
	В	4527	GCGUUAGGC IICCITICAAGGA GCCGUUAGGC UCCGGG	1	23647
AUCAUUGA G CUCACCUA	s	4528	HOCCHICA AGGA GOOTHER GOO	1	23648
20	ΑG	4529	TOCHTON PORT CONTROL OCCGGG		23649
. !	5	4530	GGA GCCGITTAGGC 100000000000000000000000000000000000		23650
. 1	g	4531	GGA GCCGIIIIAGGC ICCCTIIIAGGC UCCGGG		23651
G UG	ပ္	4532	GGA GCCGITIAGGC INCOMINGATION	$\vdash$	23652
ပ ပိပ္ပ	ပ	4533	GGA GCCGIIIIAGGC ICCCTIIIGAAGGA GCCGUUAGGC UCCGGG		23653
AGUGAUGC G CCCGGCUG	9	4534	GGA GCCGIIIAGGC ICCCTIIGS SCE		23654
UGCGCCCG G CUGCUGAU		4535	GGA GCCGIIIMGC TICOTHING		23655
O		4536	GGA GCCGITTAGG TICCTHIST CO.		23656
GAAGAACC G UCAUGGAU		4537	GGA GCCGIIIAGGC IICCTIICANAGA GCCGUUAGGC UCCGGG	Н	23657
			TOTAL DECENDANCE OCCUMAGE OCCOMINAGE OCCOGE	GGUUCUUC 2	23658

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9491	0	4538	GCCGUUAGGC UCCCUUCAAGGA	23659
9499	0	54	dda geeguuagge ucecuucaagga geeguuagge	23660
9502	0	4541	GON GOOGHINGON HOGOTHOUSE GENERAL GENERAL GOOGHING OF THE CONTRACT GOOGHINGS OF THE CONTRACT GOO	23661
9511	0	4542	GGB GCCGIIIIAGG HCCCUUCAAGGA GCCGUUAGGC UCCGGG	23662
9535	0	4543	GGA GCCHIIAGC UCCCUICAAGGA GCCGUUAGGC UCCGGG	23663
9538	ACCUGGCC G UCCAGCUG	4544	GGA GCCGITIAGG ICCCTTCAAGGA GCCGUUAGGC UCCGGG	23664
9543	GCCGUCCA G CUGGUGAG	4545	GGA GCCGITTAGGC ITCCCTTCAAGGA GCCGUUAGGC UCCGGG	23665
9547	O	4546	GGA GCCGITTAGGC 11CCCTTCAACGA GCCGTTTAACGA TOCCGGG	23666
9571		4547	GGA GCCGITIAGGC ICCCTTTCAAGGA GCCGUDAGGC UCCGGG	23667
9578	AGUGAUUG G CCCAGAUG	4548	Gala Gordinago nocumenta accessoration	23668
9589	CAGAUGAU G UGGAGAAA	4549	GGA GCCGIIIAGGC FICCUITA AGGA GCCGUIAAGCA IIAAGA	23669
9622	GACCCAAA G UCAGGACC	4550	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGIIIAGGC	23670
9633	AGGACCUG G CUGUUUGA	4551	GGA GCCGIIIAAGC IICCCIIICAAGGA GCCGIIIIAAGG IICCGGG	23671
9636	1 1	4552	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIAAGC	23672
9662	AAGACUCA G CCGCAUGG	4553	GCCGIIIIAGGC IICCCIIICAAGGA GCCGIIIIAGGC IICCGGG	430/3
9665	1 !	4554	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGA	23674
9670	GCCGCAUG G CUGUCAGU	4555	GGA GCCGUUAGGC UCCCHIICAAGGA GCCGIIIIAGGC UCCGGG	236/3
9673	GCAUGGCU G UCAGUGGA	4556	GGA GCCGUUAGGC UCCCUTTCAAGGA GCCGTTTAGGG TICCGGG	23676
9677		4557	GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGA TOCCAGA	43677
9689	AGAUGACU G UGUGGUAA	4558	HOCCHITONAGA COOCHIA COO TOCOCO	87957 87978
9691	1. 1	4559	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUIIAGGC	23679
9694	ACUGUGUG G UAAAGCCC	4560	GCCGUITAGGC ITCCCTTTCAACGA CCCCTTTACCO TOCCCC	23000
6696	1 .	4561	GGA GCCGUUAGGC DCCCIIICAAGGA GCCGUUAGGC UCCGGG	23681
9713	GGACGAUC G CUUUGCCA	4562	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGIIIAGGC IIGCCGG	79987
9718	ပ	4563	GGA GCCGUUAGGC UCCCIII/CAAGGA GCCGIIIAAGC	23683
9726	<u>ဗ</u>	4564	UCCCUTCAAGGA GCCGIIIAAGGC 11CCGGG	23084
9742		4565	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23695
9747	ă o	4566	GCCGUIJAGGC IICCGGG	23667
9754	∵. ∤	4567	UCCCUUCAAGGA GCCGUIAGGC IICCGGG	22600
758	. 1	4568	GCCGIIIIAGGC IICCGGG	23000
9774	- 1	4569	GCCGUUAGGC UCCGGG	23609
9783		4570	GCCGIMBGGC IICCCC	2260
9795	D O	4571	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	22607
9804	- 1	4572	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23603
700	5	4573	GCCGUUAGGC UCCGGG	23601
7811	B 0	4574	GCCGUUAGGC UCCGGG	22605
9821		4575	GCCGUUAGGC UCCGGG AAAAUGGA	23695
9868	20	4576	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGUUC	23697
	CACUGGUG G UUCCAUGC	4577	UCCGGG CACCAGIG	23698
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9878	GGUUCCAU G CCGAGGAC	4578	GUCCUCGG (Gab (GCG)TITAGGC TOCATICIDAGE (GCG)	
9898	AUGAAUUG G UAGGCAGA	4579	IICIIACCII GCA GCCGIIIIACCI IICCCIIICA GCCGGG	23699
9902	AUUGGUAG G CAGAGCUC	4580	GAGCHOTIC GOA GOOGHIMAGA THORMANA GOARDEN COOL	23700
9907	O	4581	UAUGGAA AAA ACCAIIINGA IICAIINAAA GCCAGOO	23701
9911	CAGAGCUC G CAUAUCUC	4582	GAGAIIAIIG GGA GOOGHTAGGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23702
9925	CUCCAGGG G CCGGAUGG	4583	CONTINUE GOA GERGOOMGE ULCCOUCAAGGA GERGOOMGE UCCGGG	23703
9937	GAUGGAAC G UCCGCGAC	4584	GILGAGES GES GENERAL UNCENTRAGES GENERALISES	23704
9941		4585	CACHIGING CON COCCUINACE TRACEMENT CO.	23705
9949		4586	Cagactara day coocument uncommentation	23706
9953	0	4587	WAGCCAGA GAA GCCGTTAGGC TOCCCTUCAGGGA GCCGUUAGGC UCCGGG	23707
9958	CUUGUCUG G CUAAGUCU	4588	AGACTITAG GGA CONSTITUTOON MONTH AGACTITAG GGA	23708
9963	O	4589	GCAUAAGA GGA GCCGIIIIAGGC ICCCUUCAAGGA GCCGUUAGGC UCCGGG	23709
9970	AGUCTURA G CCCAGAUG	4590	CAUCHIGG Gas Grogunander urccourances geneundaged	23710
9978	GCCCAGAU G UGGCUGCU	4591	AGCAGCCA GAA GOOGHIDAGO HOOMINAMAGA GACAGUIAGGG	23711
9981	CAGAUGUG G CUGCUUCU	4592	GGA GCCGIIIAGGC INCOMINAGA GCCGUUAGGC UCCGGG	23712
9984	AUGUGGCU G CUUCUGUA	4593	GGA GOOGHIAGO HOGGIAGAS GECGOUAGGG	23713
9990	CUGCUUCU G UACUUCCA	4594	GGA GCCGIIIAGGC HOCCHUCAAGGA GCCGUDAGGC UCCGGG	23714
1001	AGAGACCU G CGGCUCAU	4595	CON COCCUITAGE UCCUOLARIGE GCCGUDAGGC UCCGGG	23715
10014	GACCUGCG G CUCAUGGC	4596	den ecceptange veccouchagga geograpage vecaga	23716
10021		4597	Sea Secondade uccontraaga georginaga uccaga	23717
10027	8	4598	Sea Sectionage ucconcagga geograpage ucegg	23718
10034	9	4599	Sea Secretorage Decendence Geographic	23719
10039	UUUGCUCC G CUGUCCTI	4500	GGA GOOGTEE COUNCAAGGA GCCGUUAGGC	23720
10042	GCUCCGCU G UCCCUGITA	4601	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23721
10048	CUGUCCUI G HGAAITIGG	1007	GEA GECEUNAGGE UCCCUUCAAGGA GECGUUAGGE	23722
10057		7007	GGA GCCGUUAGGC UCCCUUCAAGGA	23723
10077		2003	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23724
10080		*004	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23725
10090	CCATICCATI G CAGGAGGA	2027	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23726
10101	GGAGGAGA G HGGAHGAC	4607	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23727
10122		4608	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23728
10129	1	4600	GOA GOOTH CCCOUCAAGGA GCCGUUAGGC UCCGGG	23729
10139		200	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23730
10141		4611	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23731
10183	AAACCCCA G HEGAGAAA	2500	GEA GECGUUAGGE UCCCUUCAAGGA GECGUUAGGE	23732
10196	GAAAUGGA G UGACGIICC	4612	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23733
10201	011		ega eccentrages occompages	23734
10233	ט נו	*077	GCCGUUAGGC UCCCUUCAAGGA	23735
10235		2127	ega eccentrages uccontranga eccentrages uccede	23736
10238	Cuagnant a charlen	2070	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23737
		1705	UCAGACUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACACCAG	23738

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10241	GUGUGGCA G CCUGAUUG	4618	ł	
10250	CCUGAUUG	4619	GGA GCCGITTAGGC ITCCCTTCAAACA GCCGUDAGGC UCCGGG UGCCACAC	23739
10258	GCACAAGA G CCCGAGCC	4620	GGA GCCGITTAGGC UCCGGGG CAAUCAGG	23740
10264	GAGCCCGA	4621	CON COCCERNIACIO ULLCUULARGEA GUUGUAGGO UCCOGGO UCUUGUGO	23741
10269	O	4622	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGGGCUC	23742
10273		4623	was secreturated uncontrated geographic uccess successions	23743
10288	ACAUCCAG	4624	GAN GEGENNAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACGUGG	23744
10291	UCCAGGUG	4625	eda eccentrades occentradas eccentrades occeses cuesaven	23745
10303	UCAACCAA	4626	GUA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCUGGA	23746
10309		4627	GAS SCHOOLAGGE UCCCUUCAAGGA GECGUUAGGE UCCGGG UUGGUUGA	23747
10329	2	1202	GGA GCCGUNAGGC UCCCUNCAAGGA GCCGUNAGGC UCCGGG UCUGACUU	23748
10333	•	4620	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUCAUC	23749
10346		4630	GGA GCCGDDAGGC UCCCDDCAAGGA GCCGDDAGGC UCCGGG ADACDDCD	23750
10378		4631	eda ecceptage occoncaaga eccentrage occese ocauguaa	23751
10390		4635	GEA GUUGUDAGGU UCCUUCAAGGA GUUGUDAGGU UCUGGG CAAAGUUG	23752
10395	C	4633	eda eccentragge occontragga eccentragge occasa navanceu	23753
10413	AAUCAAUU G UAAAIIAGA	4634	ega secendades decenteares eccentrage decentrage	23754
10430		1635	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUJGAUU	23755
10434	Alta Activity of Charles	200	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUAUUG	23756
10442		4030	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACUUAU	23757
10444	- 1	4637	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUAUGC	23758
		4638	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTIUTITALI	23750
/ ##OT		4639	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACACUUU	23760
10400		4640	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UATTAAAAC	23761
RCTOT.	. 1	4641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC IICCGGG IIACTIAITAA	23762
10465	D D	4642	GCCGHIAGCC TIOCOCC HANANIAGE	20/07
10468	AUTUAGUG G UGUTAGUG	4643	GGA GCCGITTAGGC ITCCCTTCAAGGA GCCGCGTTAGCC TCCGGG DAGGACO	23763
10470	UVAGUGGU G UVAGUGUA	4644	GGA GCCGIIIAGGC IICCCIIICAAGA GCCGGTIAGGC IICGGGG CACUAAAU	23764
10474	UGGUGUUA G UGUAAUA	4645	GGA GCCGIIIIAGGC IICCTIICAAGGA GCCGTIIIAGGC TICGGG ALCACUAA	23765
10476	GUGUUAGU G UAAAUAGU	4646	222 ACCITINGO HOOMINGS CONTROL OCCURS OF THE PROPERTY OF THE P	23766
10483	UGUAAAUA G UUAAGAAA	4647	GGB GOOGHINGS HOSSINGS TO THE GOOG ACCORDED	23767
10506	AGGAGAAA G UCAGGCCG	4648	GGB GCGGTTBGGG 15GGTTGB 15G GCGUUAGGC UCCGGG UAUUUACA	23768
10511	AAAGUCAG G CCGGGAAG	4649	Can Comminged Transmission occupances occurrenced occupant	23769
10519	GCCGGGAA G UUCCCGCC	4650	SON SECREDUAGE UCCCUUCAAGA GCCGUUAGGC UCCGGG CUGACUUU	23770
10525	AAGUUCCC G CCACCGGA	4651	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCGGC	23771
10535	CACCGGAA G UNGAGITAG	4652	SEA SECTIONARIE UCCCONCAAGGA GCCGOUAAGGC UCCGGG GGGAACUU	23772
10540		4653	esa secentragge uccentragga gecentragge uccegg unccegug	23773
10547		4654	SEA SECTIONARIEC UCCCUNCAAGGA GCCGUNAGGC UCCGGG UCAACTUC	23774
10549	G	4655	dea eccentrage occurragea eccentrage occuraci	23775
10552	ACGGIIGETT G COTTOCOLO	7000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCGUCUA	23776
10556	UGCIIGCAL A CONCIONA	4020	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACCGU	23777
	מביחישה ב היייים	1,004	UNGAGUCO GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAGCA	23778
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10580	AGGACUGG G	4658	GGA	23779
E0007	UGAACAAA	4659	UCCGGG	23780
10592	ACAAAGCC	4660	GCCGUUAGGC UCCGGG	22761
10597	┙	4661	UCCCITICAAGGA GOOGITIAGGG MOOGOGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	23/01
10606	UGAUCCAU	4662	GGA GCCGIIIAGGC IICCIIICAAGGA GCCGIIIIAGGC VCCGGG VIIGGGC	23/82
10610	CCAUGUAA G CCCUCAGA	4663	GGA GCCGIIIAGCO IICCCIIIAACOA CCCGGGG	23783
10622	UCAGAACC G UCUCGGAA	4664	GOD GOOGHINGOO HOOMINGS AGES GOOGHINGS	23784
10645		4665	our occasionation incomments occasionaded ucceded	23785
10648	,	7555	SA SCLEGUAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUGGGG	23786
10659	•	4000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUGUG	23787
10666		100%	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAAGU	23788
10676		4668	GGA GCCGUUAGGC UCCCUUCAAGGA	23789
2007	5   6	4669	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUCUG	23790
70007		4670	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUAGCGU	23791
10684		4671	GCCGUIAGGC IICCGGG GCCGIIAGC	23702
10686		4672	GCCGUIAGGC IICCGGG ACCCCGTA	23702
10694	GCUACUCU G CGGAGAGU	4673	Constant book and book and book	23/33
10701	UGCGGAGA G UGCAGUCU	4674	GGA GCCGITTAGGC TICCCTTICAACOA GCCGUDAGGC TICCGGG AGAGUAGC	23794
10703	CGGAGAGU G CAGUCUGC	4675	CON COCCUMINACE SECCOSE SECCOSES SECURISED SECURISES SEC	23795
10706	AGAGUGCA G HOUGCGAIT	1000	SAM SCIENDARGE DECENDERAGGA GEOGRANGGE DECEGG ACTIONES	23796
10710		0/0#	GGA GCCGUUAGGC	23797
2027	2	4677	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACUGCA	23798
07/07		4678	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCGCAG	23799
10718	GCGAUAGU G CCCCAGGA	4679	GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG ACUAUCGC	23800
10734	AGGACUGG G UUAACAAA	4680	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGIICCII	23801
10744	UAACAAAG G CAAACCAA	4681	UCCCUUCAAGGA GCCGUIJAGGC IICCGGG CHIIIIGEIII	20000
10754	AAACCAAC G CCCCACGC	4682	COCCULINGO MICOSON CONTROL	23002
10761	CGCCCCAC G CGGCCCUA	4683	GGA GOOTHINGED HOOGHIDANDA OCCUMENCES WILLIAMS	23803
10764	CCCACGCG G CCCUAGCC	4684	CON COCCUMACION TOCCUMON SECUCIONAGIC OCCUGGI GUGGGCCO	23804
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10776	UAGCCCCG G HAATICGHE	7696	Sea Sectionade occupiedada GCCGUUAGGC UCCGGG UAGGGCCG	23806
10782	Caginalia a mambacc	2000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGGCUA	23807
10784	GITANING! O TUTANONS	1005	GGA GCCGUDAGGC DCCCUUCAAGGA GCCGUDAGGC UCCGGG CAUDACCG	23808
10794		4088	GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG ACCAUDAC	23809
0801		4689	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUGGUUA	23810
10824	Chentana o contamas	4690	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUAGUC	23811
1000	משפטרור פ רפפטומשש	4671	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGGUCUC	23812
1002		4692	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCGGGGU	23813
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10836	50	4694	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTITITAAA	22015
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UCCCUUCAAGGA	UCCCUUCAAGGA	TICCCITICAAGGA	TOCCHITCH AGGS	TICCULTURAGGA	TOCCUTTONAGGA	TOCCITIONAGEN	TOCCUTTON ACCOM	TOCCULTON NOON	UCCCOOCAAGGA	OCCCOOCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	OCCCOUCAMGGA	TOCCUTTON ACCA	SCCCOCCAAGGA	UCCCUUCAAGGA	STOCK OF THE STOCK	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA		٠.١	- 1	: I	- 7	- 1	1	. 1		UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA (	UCCCUUCAAGGA (
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4698	4699	4700	4701	4702	4703	4704	4705	4706	4707	4708	4700	4710	4711	4712	4773	4714	4775	27.72	07/2	5462	5463	5464	5465	5466	5467	5468	5469	04/0	7, #7	2/20	24.73	74.4	24/2	0/ #7	5477	5478	5479	5480	5481	5482
CUGAAGCU G VAGGUCAG	AGCUGUAG G UCAGGGGA	GACUAGAG G UUAGUGGA	AGAGGUUA G UGGAGACC	GAGACCCC G UGCCACAA	GACCCCGU G CCACAAAA	ACAAAACA G CAUAUUGA		UCUGCUCU G CACAACCA		GCCACACG G CACAGITGC	•	•			CAAUGGUG G CUGGIIGGII		GACTIGATIO O TIPOCABAN		•			GUGUUGU G AGGAUDAA				COURGCAC & AAGAUCUC		Aligirates a synchron						COOOCAR G ACCOCA	CLUGGLAA G AGCUGGGC	2	ည် ဗ	UAAAACGC G GAAUGCCC	ון ט	uneuccuu a Auugaacu
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181	Castricate of this Cities			
182	CTUGATUD G GACUGAAG	5483	GGA GCCGUUAGGC	23859
186	AUUGGACU G AAGAGGGC	3404	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23860
189		5405	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23861
191		2400	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23862
192		2400	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23863
201	-1	2400	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23864
207	۱.	200	GGA GCCGUUAGGC UCCCUUCAAGGA	23865
211	PO	24.01	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23866
214	Ö	5402	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23867
219	0	2/27	GAS GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23868
220	0	5494	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23869
221	O	5495	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23870
230		5496	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23871
240		5497	GGA GCCCIIIIAGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23872
249	GCUCUCUU G GCGUUCUU	5498	GGA CCCCITTA GGG TICCCCUUCAAGGA GCCGUUAGGC UCCGGG	23873
260	GUICUUCA G GUICACAG	5499	GGA GCCGITTAGGC TICCCTUCCAGGA GCCGUDAGGC UCCGGG	23874
279	AUUGCUCC G ACCCGAGC	5500	CON COCHEMICON TRACETOR	23875
284		5501	GAN GOGGETT COLOCCUUCAAGGA GCCGUUAGGC UCCGGG	23876
294	Ð	5502	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC	23877
295		2602	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23878
299		200	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23879
302		3304	GGA GCCGUUAGGC UCCCUUCAAGGA	23880
303		5505	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	23881
305		2500	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23882
307	1	220,	GEA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23883
312	8 8	2500	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	23884
327	CAAACAGC G AUGAAACA	5510	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23885
330	ACAGCGAU G AAACACCII	2511	SAN GEORGIA UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23886
342	G AG	5512	GA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23887
351	AGUUUUAA G AAGGAACU	5513	CON COCCUMACION MACCIONCARGO GCCGUUAGGC UCCGGG	23888
354	UUUAAGAA G GAACUAGG	5514	CGN OCCUMAGE VECCUOLANGE GEOGRAPHICA GEOGRAPHICA VECGGG	23889
355	UVAAGAAG G AACUAGGG	5515	Sea Secreturação UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23890
361	AGGAACUA G GGACCUUG	5516	GAR GCCCIIINGCC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23891
362	GGAACUAG G GACCUUGA	5517	Gen GOCCITITA CON MARCHINE GCCGUDAGGC UCCGGG	23892
363	GAACUAGG G ACCUUGAC	5518	Gen Coccining of Transmission of Coccining Company of Coccining Co	23893
369		5519	Gan Gorgina Con Hooming: See GCCGUAGGC UCCGGG	23894
386	UAUCAAUC G GCGGAGCU	5520	CON COCCUMAGE VICE VICE VICE VICE VICE VICE VICE VIC	23895
389	CAAUCGGC G GAGCUCAA	5521	Sea GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	23896
390	AAUCGGCG G AGCUCAAA	5522	CON COCOUNTAGE UCCCOUCAGGA GCCGOUAGGC UCCGGG	23897
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405	AAACAAAA G AAAAGAGG	5523	CCUCUUUU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUUGUUU	23899
410	AAAGAAAA G AGGAGGAA	5524	UCCGGG UUUUCUUU	23900
412	AGAAAAGA G GAGGAAAG	5525	uccese ucumucu	23901
413	GAAAAGAG G AGGAAAGA	5526	UCUTUCCI GGA GCCGUTIAGGC UCCCUTICAAGGA GCCGUTIAGGC UCCGGG CUCUTUTIC 2	23902
415	AAAGAGGA G GAAAGACC	5527	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUUU	23903
416	AAGAGGAG G AAAGACCG	5528	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUCUU	23904
420	G AC	5529	dea ecceuvagec ucccoucaaga ecceuvagec uccege uniccuce	23905
424	GAAAGACC G GAAUUGCA	5530	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUCUUUC	23906
425	AAAGACCG G AAUUGCAG	5531	GGA GCCGUDAGGC UCCCUCAAGGA GCCGUDAGGC UCCGGG CGGUCUUU	23907
438	GCAGUCAU G AUUGGCCU	5532	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGACUGC	23908
442	UCAUGAUU G GCCUGAUC	5533	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAUGA	23909
447	AUUGGCCU G AUCGCCAG	5534	CUGGCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCCAAU	23910
460	CCAGCGUA G GAGCAGUU	5535	AACUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACGCUGG	23911
461	G AG	5536	UAACUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUACGCUG	23912
487	ACUUCCAA G GGAAGGUG	5537	CACCUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGAAGU	23913
488	CUUCCAAG G GAAGGUGA	5538	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGAAG	23914
489	UUCCAAGG G AAGGUGAU	5539	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUGGAA	23915
492	CAAGGGAA G GUGAUGAU	5540	AUCAUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCUUG	23916
495	GGGAAGGU G AUGAUGAC	5541	accounage ucconcaagga accounage uccago accunece	23917
498	AAGGUGAU G AUGACGGU	5542	ACCOUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACCUU	23918
201		5543	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCAC	23919
504	AUGAUGAC G GUAAAUGC	5544	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCAUCAU	23920
517	AUGCUACU G ACGUCACA	5545	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAGCAU	23921
526	ACGUCACA G AUGUCAUC	5546	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGUGACGU	23922
537		5547	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUGAC	23923
553		5548	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGCUG	23924
554	O AN	5549	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCAGCU	23925
558	GCUGGAAA G AACCUAUG	5550	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUCCAGC	23926
575	CAUUGUCA G AGCAAUGG	5551	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACAAUG	23927
582	- 1	5552	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGCUCU	23928
583	[	5553	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGCUC	23929
288	- 1	5554	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCCAU	23930
289	UGGAUGUG G GAUACAUG	5555	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCCA	23931
230	GGAUGUGG G AUACAUGU	5556	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAUCC	23932
601	ACAUGUGC G AUGAUACU	5557	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACAUGU	23933
604	G AUA	5558	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGCACA	23934
619	G AAU	5559	UGGGCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAGUGA	23935
636	•	2560	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACAGCAC	23936
640		5561	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGACA	23937
646	CUGGUAAU G AUCCAGAA	5562	UNCUGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUACCAG	23938

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652	AUGAUCCA G AAGACAUC	5563	GAUGUCUU GGA GCCGUNAGGC UCCCIIICAAGA GARAIIII AAAAA I AAAAA I AAAAAA I AAAAAAAA	22020
655	G AC	5564	GCCGUUAGGC UCCCUUCAAGGA GCCGUIAAGC UCCGGA UIICHIAAAU	22040
199	AAGACAUC G ACUGUUGG	5565	UCCCUICAAGGA GCCGIIIAAGG IICCGGG GAIGICIIII	23041
899	CGACUGUU G GUGCACAA	5566	GCGGUIAGGC IICCGGG AACAGIICG	23942
695	CUACGUCA G GUAUGGAA	5567	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACGUAG	23943
700	UCAGGUAU G GAAGAUGC	5568	GCCGUUAGGC UCCGGG AUACCUGA	23944
701	G AA	5569	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUACCUG	23945
704	G A	5570	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAUAC	23946
714	G AC	5571	GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG UUGGUGCA	23947
728	CCACUCAA G ACGCAGUC	5572	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAGUGG	23948
737	ACGCAGUC G GAGGUCAC	5573	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUGCGU	23949
2	CGCAGUCG G AGGUCACU	5574	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACUGCG	23950
740	CAGUCGGA G GUCACUGA	5575	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGACUG	23951
747	G AC	5576	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGACCU	23952
756	ACAGUGCA G ACACACGG	5577	CCGUGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACUGU	23953
763	AGACACAC G GAGAAAGC	5578	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUGUCU	23954
764	GACACACG G AGAAAGCA	5579	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGUGUC	23955
766	CACACGGA G AAAGCACU	5580	accennagec uccage uccenena	23956
780		5581	eccentrage ucceed ectragaet	23957
786	G AAC	5582	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUCGC	23958
789	ල ලල	5583	accennage uccege uncrueuu	23959
790	ACAAGAAG G GGGCUUGG	5584	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUUGU	23960
791		5585	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCUUG	23961
792	AAGAAGG G GCUUGGAU	5586	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUUCUU	23962
797	GGGGGCUU G GAUGGACA	5587	UGUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCCCC	23963
798		5588	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAGCCCC	23964
807	GCUUGGAU O GACAGCAC	5589	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAAGC	23965
208		5590	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAG	23966
210	AGCACCAA G GCCACAAG	5591	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGUGCU	23967
178	GGCCACAA G GUAUUUGG	5592	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGGCC	23968
878	AGGUAUUU G GUAAAAC	5593	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUACCU	23969
838	G AA	5594	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGUUUUVA	23970
245	AGAAUCAU G GAUCUUGA	5595	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUCU	23971
0 0		5596	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAUUC	23972
750	UGGAUCUU G AGGAACCC	5597	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUCCA	23973
500	GAUCUUGA G GAACCCUG	5598	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAGAUC	23974
2		5599	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAAGAU	23975
862	G GAL	2600	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGUUCC	23976
263	0	5601	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGUUC	23977
2/3	UAUGCCCU G GUGGCAGC	5602	GCUGCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGCAUA	23978

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876	GCCCUGGU G GCAGCCGU	5603		
889	CCGUCAUU G GUUGGAUG	5604	GGA GCCGUIAGGC IICCCTTTGAAGA GCCGUUAGGC UCCGGG ACCAGGGC	23979
893	G GA	5605	GGA GCCGITTAGGC ICCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGACGG	23980
894	M	5606	GGA GCCGITTAGGC TICCCTTTCAAGGA GCCGUUAGGC UCCGGG AACCAAUG	23981
901	GGAUGCUU G GGAGCAAC	5607	GGA GCCGIIIIAGGC ICCCIIIIAAAGA GCCGUAGGC UCCGGG CAACCAAU	23982
902	GAUGCUUG G GAGCAACA	5608	GGA GCCGIIIACAC ITCCCIIICAAACAA CCCGGGAGGCC UCCGGG AAGCAUCC	23983
903	AUGCUUGG G AGCAACAC	5609	GGA GCCGIIIAGGC ICCCIIICAAAGA GCCGIIIAGGC ICCGGG CAAGCAUC	23984
918		5610	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGIIIAGGC IICGGG CCAAGCAU	23985
920	CAUGCAGA G AGUUGUGU	5611	GGA GCCGUUAGGC LICCCITICAAGGA GCCGTTIAGGC TICCCCG TICCCCG TICCCGG	23986
948	UVGCUUUV & GUGGCCCC	5612	GGA GCCGUUAGGC UCCCUCAAGGA GCCGIIIIAGGC IICCGG AAAAAGAA	23987
951	connogo a accepac	5613	GGA GCCGUIAGGC HCCCHICAAGAA GCCGHIAGGC HCCCGC AGAAAAA	23,700
979	ACUGCCUU G GAAUGAGC	5614	GGA GCCGUUAGGC UCCCUICAAGGA GCCGIIIAGGC IICCGG AAGGCAGG	22000
980		5615	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGCAG	23990
984		5616	GCCGIIIIAGGC IICCGGG MIIICCAAA	10000
266	G AGA	5617	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGCUC	23993
250		5618	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGUUGC	23994
7007	GACOUCOU G GAAGGAGO	5619	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAAGUC	23995
2007	ACOUCOUG G AAGGAGUG	5620	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAAGU	23996
1000	e GAC	5621	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAAGA	23997
1016	COUGGAAG G AGUGUCUG	5622	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCAAG	23998
2101		5623	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACACUC	23999
1025	To He de	5624	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGACACU	24000
1026	GCAACAUG G GUGGAITIT	5626	GCCGUUAGGC UCCGGG AUGUUGCU	24001
1029	ACAUGGGI G GAITHIGGI	5627	GON GEGENOMEN UCCCOUCAAGGA GCCGUUAGGC UCCGGG CAUGUUGC	24002
1030	CAUGGGUG G AUTUGGUU	5628	GAN GEOGRAPHICA DESCRIPTION OF SECRETARIA CONTRACTOR TOCATION	24003
1035	g GUU	5629	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCCIIIIAGGC IIGGGGG AAAAAAAAAA	24004
1042	UGGUUCUC G AAGGCGAC	5630	GCCGUUAGGC UCCCUUCAAGGA GCCGIIIAGGC IICCCGG GAGAACCA	24005
1045	UUCUCGAA G GCGACAGC	5631	GCCGUUAGGC UCCGGG IIICGAGAA	24007
1048		5632	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUUCGA	24008
1059	. 1	5633	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG ACGCAGCU	24009
7 5	G GAC	5634	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAGACAU	24010
2001	UGUCUAAG G ACAAGCCU	5635	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUAGACA	24011
1000		5636	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGGUAG	24012
18	GALIGIGA G ANGALIGAN	5637	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCGAU	24013
1101		0000	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACAUC	24014
1104	- 1	2027	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUCAC	24015
1110	G GAGO	5641	GGA GCCGULAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUCUU	24016
1111	G AGG	5642	GGA GCCGUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAUUCAU	24017
		202	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAUUCA	24018

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1113	AAUAUGGA G GCGGUCAA	5643	***************************************	
1116	AUGGAGGC G GUCAACCU	5644	GRA GOOGHIAGO HOOGHIAAAA CAACAAAAA HOOGHAAAA HOOGAAAAAA HOOGAAAAAAAAAA	24019
1125		5645	dea december uncommerca secreturated accountain	24020
1129		2545	CCA CCCGGG AGGUOGAC GCCGUUAGGC UCCGGG AGGUUGAC	24021
1131	Cardena a grandan	2000	GEA GEGEUNAGGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCAGGU	24022
1152	יוסטימים ס יושווישוויסו	100	GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCCAG	24023
1165		2048	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUAGCA	24024
1.5		2047	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGACGG	24025
1107	GCGGGCCC G ACCAUGGG	5650	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGCACGC	24026
177	CCGACCAO G GGAGAGC	5651	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUCGG	24027
1138	CGACCAUG G GAGAAGCU	5652	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGUCG	24028
123		5653	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGGUC	24029
1027		5654	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAUGG	24030
1213	CUCACAAU G ACAAACGU	5655	GGA GCCGUJAGGC UCCCUUCAAGGA GCCGUJAGGC UCCGGG AUJGUGAG	24031
1665		5656	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACGUU	24032
1244	UGUGUGCA G ACAAGGAG	5657	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACACA	24033
1249	GCAGACAA G GAGUGGUG	5658	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUCUGC	24034
1250	- 1	5659	UCCGGG CUUGUCUG	24035
1254	. 1	2660	UCCGGG ACTICCUITG	24036
1257	G GAC	5661	GCCGUUAGGC UCCGGG ACCACTICC	24037
1258		2995	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACTIC	2403B
1262	GGUGGACA G GGGCUGGG	5663	GCCGUUAGGC UCCGGG UGUCCACC	24039
1263	GUGGACAG G GGCUGGGG	5664	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUCCAC	24040
1264		5665	UCCGGG CCUGUCCA	24041
1268	- 1	2666	UCCGGG AGCCCCUG	24042
1269		5667	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCCCU	24043
1270	ဦ ဗ	5668	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGCCCC	24044
1276	9	5669	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGCCCC	24045
1282	G GAU	5670	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCCGU	24046
1203	- 1.	5671	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGCCG	24047
1201		5672	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUAAUC	24048
1200	5	5673	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCCAA	24049
1306		5674	GGA GCCGUUAGGC	4050
300	GARGEAUU G ACACAUGE	5675	GGA GCCGUUAGGC	4051
1345	ماد	5676	GGA GCCGUUAGGC	4052
1346	GGCTATING G TAGES GGS	5677	GGA GCCGUUAGGC UCCCUUCAAGGA	4053
	2 0	26/8	GGA GCCGUUAGGC UCCCUUCAAGGA	4054
1350	ACCRIGING G AACCAUCU	5679	GGA GCCGUUAGGC	4055
1363	5 6	2680	GGA GCCGUUAGGC UCCCUUCAAGGA	4056
1365	A CA	5681	GGA GCCGUUAGGC	4057
1303	UDGARAGA G AADADCAA	5682	UUGAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUCAA 24058	4058
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	24059	24060	24061	24062	24063	24064	24065	24066	24067	24068	24069	24070	24071	24072	24073	24074	24075	24076	24077	24078	24079	24080	24081	24082	24083	24084	24085	24086	24087	24088	24089	24090	24091	24092	24093	24094	24095	24096	24097
1able VII	GGA GCCGUVAGGC UCCCTUCAAGGA GCCGTUAGGC UCCGGG GVACTUGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCGUA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGACAA	GON COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGACA	GCA CCCGUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGUAGU	GOA GOOTHINGS TREESTANDED GOOTHINGS CACAGING	GON COCCUMBERC UCCCUUCAAGGA GCCGUUAAGGC UCCGGG GUGCGACU	CON COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGCGAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUGGA	CON COCCUMAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCUGUG	Ser sectionade Uccontradea eccentrade uccese caaccien	Sen Secreturade Uccentragea Gecentrage uccese usaguese	SON SCHOOLSEL UCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCUGAG	Sea Sectionage ucconcaage geograpage uccege cuecona	CON CACAMORGE UCUCUNCAAGGA GCCGUUAGGC UCCGGG CCUGCCUG	day committee uccontrated eccentrage uccase uccodec	Sea Secuendade uccenteada Geograpace uccasa geagagu	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUUUA	GON COCCUITAGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUUU	GGA COOTTILLESS UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAAGCU	GON SCHOOLSES UCCCOUCAAGA GCCGUUAGGC UCCGGG AUAUUCUC	GOA COCCUINGO TO THE BOOK GOOGUAGGO UCCGGG CAUAUUCU	GGA GCCGIIII GGG UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAUAUU	GON COCHEMICS UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCCAUA	GEN GOCCHINGE UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCUCC	AGA ACCOUNTS TO THE DESCRIPTION OF THE PROPERTY OF THE PROPERT	AGA ACCOUNTAGE VICTORIAGE GCCGUVAGGC VCCGGG CACUGUCA	dan acceptance ucccouragea acceptance uccees acagucca	GGA GCCGIIINGGC 10CCCUCCAGGA GCCGUUAGGC UCCGGG GUGGUUCA	GEN GOOGHINGO TOOMING GUCGUIAGGC UCCGGG UGACCGUG	den ecceptasse uccenucades eccentuase uccese cuenceu	day occument under uccconcadada accamanda uccasa concacca	GGA GCCGIIINGG HOCCCUCAAGGA GCCGUUAGGC UCCGGG AAUCCCUG	day accountage ucccuucaagaa accaunage uccege accuagua	GOAL GECEGOUAGGE UCCCOUCAAGGA GCCGOUAGGC UCCGGG AUCACGUA	SCUEDUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGUCA	GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACAGUC	GGA GCCGITTAGGC UCCCOUCAAGGA GCCGUUAGGC UCCGGG UUUGUUCC	CONTRACT CONTRACT CONTRACT INCOME AND
	GGCCACUU	AAAAUGGC	TAGETTEGET	DECEMENT	CITA STORES	GUAGUITIC	AGITAGITH	DO STILLING BY	AGIIGATIO	A GAGILGO	טייייייייייייייייייייייייייייייייייייי	GAAUCIICO	IIGABITOTIO	CITCABILCIT	TIGOTICABLE	CHANGER	ATTAITION	Carrament	UCCATTAITT	CACCITICITY	DCACCIOI	UGITCACCIT	ACTIGITOR	TICONOLIGIT	UCACAGIIC	UUCACAGII	CCGDGGD77	UCCCUGAC								,			
	5683	5685	5686	5687	5688	5689	5690	5691	5692	5693	5694	5695	5696	5697	569R	5699	5700	5701	5702	5703	5704	5705	5706	5707	5708	5709	5710	5711	5712	5713	5714	5715	5716	5717	5718	5719	5720	5721	
	UACGAAGU G GCCAUTHIT	G GA	UGUCCAUG G ACCAACUA	6 GA	CUACUGUG G AGUCGCAC	AGUCGCAC G GAAACUAC	G AA	UCCACACA G GUUGGAGC	GA	G AG	0 90	CUCAGGCA G GGAGAUUC	UCAGGCAG G GAGAUUCA	CAGGCAGG G AGAUUCAG	GGCAGGGA G AUUCAGCA	9 300	UAAAGCUU G GAGAAUAU	AAAGCUUG G AGAAUAUG	AGCUUGGA G AAUAUGGA	G GAG		AAUAUGGA G AGGUGACA	g and	GGAGAGGU G ACAGUGGA					G GGA		G AUU		G AUGA	G ACUG		1	GGAACAAA G ACGUUCUU	ACGUUCUU G GUCCAUCG	
1270	1383	1399	1400	1413	1414	1423	1424	1440	1444	1445	1455	1459	1460	1461	1463	1482	1507	1508	1510	1516	1517	1519	1521	1524	1530	1531	1537	1544	1549	1550	1551	1555	1575	1578	1585	1586	1593	1602	- 0.50

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1843	UGAAGAUG G AAAAUUG	5763	CAAUUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC HCCGGG CAHCHILCA	24139
1857		5764	GCCGUUAGGC UCCGGG AACUGCAA	24140
1860	CAGUUGAA G GGAACAAC	5765	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAACUG	24141
1861	AGUUGAAG G GAACAACC	2766	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAACU	24142
1862		5767	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCAAC	24143
1873	- 1	5768	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAGGUUG	24144
1881		5769	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAACA	24145
1903	0	5770	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAAACU	24146
1904		5771	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGAAAC	24147
1905		5772	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGAAA	24148
1915	CUCCCGCA G ACACAGGU	5773	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGGGAG	24149
1351	8	5774	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGUCUG	24150
1927	ဗ	5775	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGACCUG	24151
1935		5776	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAGUGCC	24152
1941	5 0	5777	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACCAC	24153
1942	UGGUGUUG G AAUUGCAG	5778	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACACCA	24154
1327	AGUACACU G GCACGGAU	5779	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUACU	24155
1362	ACUGGCAC G GAUGGACC	5780	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCCAGU	24156
1363		5781	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGCCAG	24157
1300	0	5782	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCGUGC	24158
1301	e AC	5783	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCGUG	24159
1335	UCGUCAGO G GCUUCAUO	5784	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGACGA	24160
\$000 000 000 000 000 000 000 000 000 00	Chiminano o accumano	5785	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAAGC	24161
		2/86	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCAAUG	24162
2022		5787	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGGCGU	24163
2023	CCCAGOG G GCAGAUUG	5788	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUGGCG	24164
7707	G AU	5789	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCACU	24165
2050	GECAGAU G GUCACUGU	5790	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGCC	24166
2050	GITTOCOTTO G GCCACGGC	5791	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGAAAC	24167
2002	SUGGETAL G GETAACGE	5792	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC	24168
0/07	AACGCOAA G GUCCUGAU	5793	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAGCGUU	24169
7007	D AU	5794	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACCUU	24170
2002	A S	5795	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCAGGA	24171
1000	5	5796	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAAU	24172
2026	ONGRACUG & AACCACCC	5797	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUCAA	24173
2104	ACCUUU G GAGACUCA	5798	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGGGUG	24174
2002	ACCCOONG G AGACOCAU	5799	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGGGU	24175
121	e Acc	5800	GGA GCCGUURGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAAAGG	24176
127	ာြ	5801	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUAUGUA	24177
176	AUAGUGGU G GGCAGAGG	2802	CCUCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACUAU	24178

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2129	REPRESENT O ROSCOLOS	2803	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACUA	24179
2131		2804	GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCCACC	24180
2131	UGGGCAGA G GAGAACAA	5805	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGCCCA	24181
2132	GGGCAGAG G AGAACAAC	5806	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUGCCC	24182
2134	GCAGAGGA G AACAACAG	5807	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCUGC	24183
2142		5808	uccese ueunguuc	24184
2156	UCACCAUU G GCACAAGU	5809	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGGUGA	24185
2167	ACAAGUCU G GAAGCAGC	5810	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACUUGU	24186
2168	CAAGUCUG G AAGCAGCA	5811	UCCGGG CAGACUUG	24187
2179	GCAGCAUU G GCAAAGCC	5812	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG AAUGCUGC	24188
2206	CCCUCAAA G GAGCGCAG	5813	dga accentrage uccenteragea eccentrage uccese unugages	24189
2207	CCUCAAAG G AGCGCAGA	5814	T	24190
2214	G AG	5815	GCCGUNAGGC UCCGGG UGCGCUCC	24191
2216		5816	$\dagger$	24192
2230	G GAC	5817	UCCGGG UAGAGCGG	24193
2231		5818	GCCGUUAGGC UCCGGG CUAGAGCG	24194
2233		5819	GCCGUUAGGC UCCGGG UCCUAGAG	24195
2243	CACAGCUU G GGACUUUG	5820	CONTRACTOR DESCRIPTION OF THE PROPERTY OF THE	24106
2244	ACAGCTUG G GACTUTUGG	5821	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIAAGC IICCAGG CAAGCTIGIT	24107
2245	CAGCUUGG G ACUUUGGA	5822	GGA GCCGIIIJAGGC IICCCIIICAAAGA GCCGIIIAAGA IICCGGA GCAAAGGG	16747
2251	GGGACUUU G GAUCAGUU	5823	GGA GCCGUIAGGC HCCCHICAAGGA GCCCHIAGGC HCCCCA AAAGCCC	067.70
2252	GGACUUUG G AUCAGUUG	5824	GGA GCCGUUAGGC UCCCIIICAAGGA GCCGIIIAAGC IICCCGG CAAAGIICC	667.50
2260	GAUCAGUU G GAGGGGUG	5825	CORP. GOOD CONTRACT TO THE PROPERTY OF THE PRO	2002
2261	AUCAGUUG G AGGGGUGU	5826	GGA GOOGHIBAGE TIOCHIICANON COORTINAGE TIOCHE AND CONTINUES	24201
2263		5827	CON COCCUMANCE INCOME SECURISMENT OF COLORES CAACUGAD	74707
2264		3027	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG	24203
2000		2828	GGA GCCGUUAGGC UCCCUTCAAGGA GCCGUUAGGC UCCGGG CUCCAACU	24204
1966	- 1	5829	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUCCAAC	24205
2202	Giornia a despecto	2830	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGAGG	24206
2022	הטראשים פי האאפינינים	5831	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAG	24207
2000	OTHER OF AMERICAGE	5832	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAACUGA	24208
2200	ည္သ	5833	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCAAC	24209
2303	S GAG	5834	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACACUU	24210
2300	AGUGUUCG G AGGAGCAU	5835	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAACACU	24211
2308	UGUUCGGA G GAGCAUUC	5836	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAACA	24212
2309	G AGC	5837	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCGAAC	24213
2329	ט	5838	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACAGUG	24214
2330	G AGG	5839	$\dagger$	24215
2332	25	5840	UCCGAACA	24216
2342	GAU	5841	UCCGGG AGGACAUG	24217
2343	AUGUCCUG G AUAACGCA	5842	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGACAU	2421B
				24.40

2353 UAA	UNACGCAA G GAUUGCUG	5843	CAGCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCGUIA	24219
AAC		5844	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24220
Ц	9 9	5845	AGAGCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAAUCC	24221
	99 9	5846	accentrage ucceee	24222
	AUUGCUGG G GGCUCUCC	5847	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24223
		5848	AGGAGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCAA	24224
	g G	5849	UGCCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACAGG	24225
	G AU	5850	AUGCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACAG	24226
4	99 9	5851	UNGAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACAA	24227
	UGUGGAUG G GCAUCAAU	2882	AUUGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCACA	24228
	G AU	5853	GGA	24229
	UCGUGAÚA G GUCCAUAG	5854	CUAUGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCACGA	24230
Ц	исесявии в вавеавии	5855	AACUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGCGA	24231
	G AG	5856	GAACUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGCG	24232
	G GA	5857	CAGAACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAACUG	24233
	G AG	5858	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24234
_	G AA	5859	UGCACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGAGAG	24235
	UGCACGCU G ACACUGGG	2860	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24236
Ц	cugacacu o equeuecc	1985	GGCACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUCAG	24237
	g G	2862	UCCCUUCAAGGA	24238
	G AC	5863	, ,	24239
4	ည ည	5864	GGA GCCGUUAGGC	24240
	GCCGGCAA G AGCUGAGA	5865	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24241
4	CAAGAGCU G AGAUGUGG	5866	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24242
	AGAGCUGA G AUGUGGAA	5867	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24243
4		2868	UCCACUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCUCA	24244
4		5869	GGA	24245
4	GUGGAAGU G GAGUGUUC	5870	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24246
4	UGGAAGUG G AGUGUUCA	5871	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24247
_	UACACAAU G AUGUGGAG	5872	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24248
4	0	5873	GGA	24249
4	G AG	5874	CCAAGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCAU	24250
4	g G	5875	AUCCAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCACAUC	24251
4		5876	GGUCCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCCUCC	24252
_	GAGGCUUG G AUGGACCG	2877	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24253
4	GCUUGGAU G GACCGGUA	5878	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24254
4	CUUGGAUG G ACCGGUAC	5879	GUACCGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCAAG	24255
_	ദ വേ	5880	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24256
2578 AUU	G AA	5881	GGA	24257
4	CGCCACAA G GCCUAGCC	5882	GECUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUGGCG	24258

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24259	24260	24261	24262	24263	24264	24265	24266	24267	24268	24269	24270	24271	24272	24273	24274	24275	24276	24277	24278	24279	24280	24281	24282	24283	24284	24285	24286	24287	24288	24289	24290	24291	24292	24293	24294	24295	24296	24297	24298
GGA GCCGUUAGGC	GGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	eda eccenuadec ucccuucaaga acceuuagec uccego	GUA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA	GGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC	GGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUCUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUGUU	GGA GCCGUUAGGC	gg.	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGUGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUUUUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUUCCA	AGGCCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAAUU			
5883	5884	5885	5886	2887	2888	5889	2830	2891	5892	2032	2824	2002	2000	2007	0000	2839	2900	5901	2905	5903	5904	5905	2906	5907	5908	5909	5910	2311	27.62	2713	2514	5915	2916	5917	5918	5919	5920	5921	5922
	- 1	GUCADA G GAAGGAGU	1	TRACCAR	GAGIIGIAG	SACOUTORS G G			CCAGACTIC C AGCALCA												UUUUGAAG G AGAAUGGU	UUGAAGGA G AAUGGUGU	AGGAGAAU G GUGUGGAC		AUGGUGUG G ACCUDAGU	Medeuced & GoodagaA	CITOCHICS C REACACAG	GOGGOOD G APACAGGA		SOUTH ADD O ADDADAG	ANDROGE & SCHOOL	Anched G GAAGGGAC		GCCACCAC G GAAAAUU			2	NATIFICATION G GCUGGAAG	
 1002	2010	2502	2636	2627	2635	2642	2654	2000	2659	2673	2673	2674	2682	2685	2686	2000	2002	\$607	90/7	2709	2/10	2712	2777	17/7	22/2	2740	2743	274B	2749	2751	2752	2752	2702	2707	\$617	7087	2803	2803	77,2

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27.200	2622	24300	2430I	24302	24303	24304	24305	24300	24307	00047	24309	24211	24312	24313	24314	24315	24316	24317	24318	24319	24320	24321	24322	24323	24324	24325	24326	24327	24328	24329	24330	24331	24332	24333	24334	24335	24336	24337	24338
CAGGCCUU GGA GCCGUUAGGC UCCCIIIICAAGGA GCCGIIIIAAGG UCCGGA CAGGAATT	UCCCUIICAAGGA GCCGIIIAGGC 11CCGGG	GGA GCCGIIIAGGC HCCCIIICAAGGA GCCGIIIAGCC HCCGG	GGA GOCCIIIIAGGO IIOCCIIIIOAAGGA GCCGGGGAGGC UCCGGG AGGCCGGC	GGA GCCGIIIAGGC ITCCCIIICAAGGA GCCGUUAGGC ICCGGG CAGGCCOO	GGA GCCGIIIIAGGC IICCCIIIICAAGGA CCCGIIIIAGG IICCCG	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGGUAGGC IICCAGGCC	GGA GCCGIIIAGGC IICCCIIICAAAGA GCCGUIAAGGC IICCGCA IICCGCA	GGA GCCGIIIAGGC IICCCIIICAAGGA GCCGIIIAAGG IICCCG AGAAAAGGI	GGA GCCGUIAGGC IICCUIICAAGGA GCCGUIAGGC IICCGGA ACAAAGGO	GGA GOOGHIAGGO HOOMICANGON COCCUMINACIO DICCOCCUMINACIONI DOCUMINACIONI DICCOCCUMINACIONI DICCOCCUMINA	GGA GCCGIIIAGGC ICCCIIICAAAGA GCCGUIAGGC ICCGGG AAACAATA	GGA GCCGUUAGGC UCCCUICAAGGA GCCGIIIIAAAC IICCGGA CGCACCAII	UCCCUICAAGGA GCCGUIAGGC IICCGGG IICCGGACC	UUGGUCUC		$\dagger$	UCCGGG UGAGUCGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCGCGA	GCCGUUAGGC UCCGGG CAAGCGCG	f	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACTUCUAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUUCUA	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCCACUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCACUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUCCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAUCC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUCCAA	dea GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUGCUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGUGCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAACAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAGGAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACCUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGACCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUGAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUGUGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUUCAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUCACA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGAGUC	AGCCGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAUCU
5923	5924	5925	5926	5927	5928	5929	5930	5931	5932	5933	5934	5935	5936	5937	5938	5939	5940	5941	5942	5943	5944	5945	5946	5947	5948	5949	5950	1565	2555	2002	2954	2925	9220	5957	5958	5959	2960	5961	5962
AUUGGCUG G AAGGCCUG	GGCUGGAA G GCCUGGGG	GAAGGCCU G GGGAAAGA	AAGGCCUG G GGAAAGAG	AGGCCUGG G GAAAGAGU	GGCCUGGG G AAAGAGUA	UGGGGAAA G AGUAUUUU		ACCUUUGU G GUUGAUGG	UVGUGGUU G AUGGUCCG	UGGUUGAU G GUCCGGAG	GAUGGUCC G GAGACCAA	AUGGUCCG G AGACCAAG	G AC	GAGACCAA G GAAUGUCC	2	G AC	CCGACUCA G AAUCGCGC	UCGCGCUU G GAAUAGCU			D 0	UAGAAGUG G AGGAUUUU		G AU			Chockedo & GUCUCACC		Alightical o anguland	THIOCHER'S C CHICKORDS					ACACAACO G AAUGUGAC		- 1	AGACUCAAA G AUCAUUGG	וכ
2814	2817	2822	2823	2824	2825	2829	2848	2871	2875	2878	2883	2884	2886	2892	2893	2901	2907	2918	2919	2929	2934	2935	2937	2528	2045	2050	2966	2967	2626	2979	2984	2986	2988	2002	7000	3007	3012	3023	3022

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3023	GAUCAUUG G AACGGCUG	5963	CAGCCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUGAUC	24339
3027		5964	t	24340
3036	G AAC	2962	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGACAGC	24341
3045		2966	UGGAUCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUUGUU	24342
3048	AACTUGGC G AUCCACAG	2962	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAAGUU	24343
3058	UCCACAGU G ACCUGUCC	5968	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGUGGA	24344
3071	G GAU	5969	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUAGGAC	24345
3072	G AUU	5970	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUAGGA	24346
3076	BA BA	5971	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCAAU	24347
3083		5972	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUUUCA	24348
3091	0	5973	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGAGCC	24349
3098	UGAUACGU G GAAGCUUG	5974	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUAUCA	24350
3099	GAUACGUG G AAGCUUGA	5975	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUAUC	24351
3106	G AAA	5976	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUUCC	24352
3110	ව ශ්රී	5977	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAAGC	24353
3111	0 0	5978	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAAG	24354
3120	D B B B B	5979	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAACUGC	24355
3121	G GUG	5980	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAACUG	24356
3124	G AAG	5981	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAGAA	24357
3143	ı	5985	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUACAU	24358
3148	G AGA	5983	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCCACG	24359
3150	- 1	5984	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGCCA	24360
3164	ට ශ්ලීල්	5985	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAGGUA	24361
3165	g GGCC	5986	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAAGGU	24362
3166	- 1	5987	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAAGG	24363
3169	G AUGC	5988	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCCACA	24364
37.75	G GAA	5989	GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG AUCGCCCC	24365
31/3	. 1	2990	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCGCCC	24366
7976		5991	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGAUUC	24367
2107	G AGU	5992	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAGGAU	24368
7107		5993	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCAA	24369
3132	AGUGACUU G AUAAUACC	5994	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUCACU	24370
3210	GUCACACO G GCGGGACC	5995	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUGAC	24371
3213	ACACUGGC G GGACCACG	5996	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAGUGU	24372
3214	CACUGGCG G GACCACGA	5997	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCAGUG	24373
3213		5998	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGCCAGU	24374
7776	ין פ	5999	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUCCC	24375
3236	- 1	0009	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUUGUGA	24376
3237	اره	6001	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUGUG	24377
3639	CAAUCGGA G ACCUGGGU	6002	ACCCAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAUUG	24378

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6004         UCUUGUAC GGA GCCGUIAGGC UCCCUUCAAGGA           6005         UUUUGUGG GGA GCCGUIAGGC UCCCUUCAAGGA           6006         CAUGGGC GGA GCCGUIAGGC UCCCUUCAAGGA           6008         CAUGGGC GGA GCCGUIAGGC UCCCUUCAAGGA           6009         CCUUCGUC GGA GCCGUIAGGC UCCCUUCAAGGA           6010         CCUUCGUC GGA GCCGUIAGGC UCCCUUCAAGGA           6011         CCGGCCUU GGA GCCGUIAGGC UCCCUUCAAGGA           6012         UCCGGCCUU GGA GCCGUIAGGC UCCCUUCAAGGA           6013         UCCUUCGU GGA GCCGUIAGGC UCCCUUCAAGGA           6014         AUCUCACG GGA GCCGUIAGGC UCCCUUCAAGGA           6015         CCGGCCUU GGA GCCGUIAGGC UCCCUUCAAGGA           6016         AUCUCAAG GGA GCCGUIAGGC UCCCUUCAAGGA           6017         AUCUCAAG GGA GCCGUIAGGC UCCCUUCAAGGA           6018         GCCGUIAGGU GGA GCCGUIAGGC UCCCUUCAAGGA           6020         CCGUAGUA GGA GCCGUIAGGC UCCCUUCAAGGA           6021         AUCUCACA GGA GCCGUIAGGC UCCCUUCAAGGA           6022         CCGUAGUU GGA GCCGUIAGGC UCCCUUCAAGGA           6024         GCGUAGUU GGA GCCGUIAGGC UCCCUUCAAGGA           6025         CCGUAGUU GGA GCCGUIAGGC UCCCUUCAAGGA           6026         CCGUAGUU GGA GCCGUIAGGC UCCCUUCAAGGA           6027         GCCGUAGUU GGA GCCGUIAGGC UCCCUUCAAGGA           6028         CCCG	0 0	6003	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUCUCC	24379
6 0005         UNUDGADG         GAGCGUIMAGG         UCCCUUCAAGAA         GCCGGUIMAGG         UCCGGUIMAGG         UCCGUIMAGG         UCCGGUIMAGG         UCCGUIMAGG         UCCCUUCAAGAA         QCCGUIMAGG         UCCCUUCAAGAA		6004	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUCUC	24380
6 0006         CAUGGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0007         CCAUGGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0010         CCAUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0010         CCUUCGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0011         CCGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0112         CCGGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0113         UCUCUACCG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0114         AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0115         GCGGCGCGG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0116         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           6 0117         AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0118         GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGG           6 0119         CCUUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0120         AAGGGCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0121         AAGGGCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0121         AAGGGCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0122         CCUUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           6 0123         AAGGGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	G ACACAAAA	6005	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUACCC	24381
6 00 7         CCAUGGGG GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 00 8         CUUCGUCG GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 9         GCUUUCGU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 1         CCGGCCUU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 2         UUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 3         UUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 4         UUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 5         AUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 6         AUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 7         AUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 8         AUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 01 9         AUCUUAC GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         AUCUCACU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         CCGUAGUU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         CCGUAGUU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         CCGUAGUU GGA GCCGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         CCGUAGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG           6 02 0         CCGUAGUUAGGG UCCCUUCAAGGA GCCGUUAGGG UCCGGG	G GCCCCAUG	9009	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUUUG	24382
6009 CUUCGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6011 CCGGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6011 CCGGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6012 UACCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6013 UCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6014 AUCUUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6015 AUCUUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6016 AUCUUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6017 AUCUUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6018 AGUCAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6019 AUCUUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 AUCUAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6011 AUCUAACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6012 ACGCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6014 ACGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6015 ACGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6016 ACGCAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6017 AUCGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6018 ACGCAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 ACGCACCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 ACGCACCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 ACGCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 ACGCACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 UUCCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 UUCCGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC GCGGG 6010 UCCGUCU GGA GCCGUUAGGA GCCGUU	g gcccnugg	6007	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUUU	24383
6019 CCUUCGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6011 UACCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6012 UACCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6013 UACCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6014 AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6015 AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6016 AAGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6017 AUCUCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6018 AAGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6019 AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 AUCUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6011 AUCUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6012 AUCUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6013 AUCUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6014 AUCUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6015 AAGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6016 GCAGUUAG GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6017 AGGGGUUAG GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6018 GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6019 ACGGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 AGGGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 CCGCAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 CCGCAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 UUCCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 UCCGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG 6010 UUCCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC CCGGG 6010 UCCGCUC GGA GCCGUUAGGC CCCCUUCAAGGA GCCGUUAGGC CCGGG 6010 UUCCCUCC GGA GCCGUUAGGC CCCCUCCGGG	G GGACGAAG	6008	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGGCCC	24384
6010   GCCUUCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6011   CCGGCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6012   UCUCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6014   AUCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6015   AUCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6016   AUCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6016   AUCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6017   AUGUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6018   GCAGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6019   GCAGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6020   CCGUUAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6021   AGAGUUAG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6022   CCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6024   GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6025   ACGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6026   CCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6026   CCGCAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6027   GCCGCAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6028   UCCGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6029   UCCGCUUCAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6020   UUCCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6031   CCACCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6032   UCCGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6034   CCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6036   UUCCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6037   GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6036   UUCCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6036   UUCCGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6036   UCCGCUUCAGG GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG   6036   UCCGCUUAGGC CCCUUCAGGA GCCGUUAGGC UCCGGGG CCGGGGGGGGGG		6009	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGGGCC	24385
9 ANGROCGO                 6011                 CCGGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG                 CCCGGGGUA                 CCGGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG                 CCGGGGGUA                 CCGGGGGAA                 GCCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG                 GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGG                 G ADAUUGAC                 G GUAAAUCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG                  G ADAUUGAC                       G GUAAAUCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG                         G ADUUACUCAAU		6010	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGGGC	24386
G GCOGGIUM         6012         UACCCGGG GGA GCCGUUMAGGC UCCCUUCAAGGA GCCGUUMAGGC UCCGGG           G GUMBAGAA         6013         AUCUCINC GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGG           G GUMBAGANU         6014         AUCUCINC GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGG           G AAUUGACU         6016         AAGUCAAU GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGG           G AUUCACUU         6017         AUCCAAU GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG           G AUUCACUU         6018         ACGAGUAAU GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG           G AUUCACUC         6019         ACGAGUAAU GGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG           G AACUACCG         6021         CCGUMAGU GGA GCCGUUMAGGC UCCCUUCAAGGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG G AACCGGUG GGA GCCGUUMAGGC UCCCUUCAAGGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG G ACCGGGG G ACGCGGUUMAGGC UCCCUUCAAGGA GCCGUUMAGGC UCCCUUCAAGGA GCGGUUMAGGC UCCGGGG G ACCGGGGG G ACGGGGGGG G ACGGGGGG G ACGGGGGG G ACGGGGGG G ACGGGGGG G ACGGGGGG G ACGGGGGGG G ACGGGGGGGG	٥	6011	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCCAUG	24387
G GGUAGADA         6013         UCUCUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G GABUGADA         6014         AUCUCUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G AABUUGACU         6015         AUCAGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G AABUUGACU         6016         AAGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACUUCGAU         6017         AUCAGUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACUUCGAU         6020         CGUAGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACUUCGA         6020         CGUAGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           G AGUACCCU         6020         CCGUAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	ט	6012	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCGUCCC	24388
9 GUADAGAD         6014         AUCUCUMO GAA GECGUUMAGE UCCCUUCAAGAA GECGUUMAGE UCCGUUCAAGAA           6 G ADAUGACU         6015         GUCAAUCAU GAA GECGUUMAGE UCCCUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCGUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCGUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCGUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCGUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG UCCGUUCAAGAA GECGUUMAGG UCCCUUCAAGAA GECGUUMAGG GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGCUGCA GAAGC	C G GGUAGAGA	6013	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCUUCG	24389
G ADAUGAC         6015         GUCAAUCI GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           G AUUGACU         6016         AAGUCAAU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           G AUUGACUC         6017         AAGUCAAU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           G AUUGACUC         6019         GCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	CG G GUAGAGAU	6014	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCUUC	24390
g Abudacuu         6016         AbdUCAAU GAB GCCGUUNAGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGG           g Abudacuu         6017         AUCGAAGU GAB GCCGUUNAGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGGG           g Abudacug         6018         GCAGAGUU GAB GCCGUUNAGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGGG           g Abucucca         6019         CGAGAGUU GAB GCCGUUNAGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGGG           g Abucucca         6021         AGGGGUU GAB GCCGUUNAGGC UCCCUUCAAGGA GCCGUUNAGGC UCCGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	UA G AGAUUGAC	6015	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCCGGC	24391
9 ACUUCGAU         6017         AVCGAAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           9 AUUACUGC         6018         GCAGUAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           9 AAUUACUGC         6019         CCGGUAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           9 AACUACCCU         6021         AGGGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG           9 AACUACCCU         6021         AGGGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGGGGGGGG	G AUU	6016	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUACCCG	24392
G ANUACUSC         6018         GCAGUNADU GAA GCCGUUNAGC UCCCUUCAAGA GCCGUUNAGC         CCGUAGUUC GAA GCCGUUNAGC         UCCGUUNAGC         UCCGCUUNAGC         UCCGUUNAGC         UCCGCUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCGCUUNAGC         UCCGUUNAGC         UCCCUUCAAGA         GCCGUUNAGC         UCCGUUNAGC         UCCGUUNAGC         UCCCUUCAAGA         GCCGUUNAGC         UCCCUUCAAGA         GCCGUUNAGC         UCCGUUNAGC         UCCGCUUNAGC         UCCGUUNAGC         UCCGUUNAGC<	G ACU	6017	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUCUA	24393
G AAACUACG         6019         CGUAGUUC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGA         GCCGUUAGGC         UCCGUUAGGA         GCCGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGG         GCGGUUAGGC         UCCGGGGG         GCGGUUAGGC         UCCGGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGCUUCAAGGA         GCCGUUAGGC         UCCGCUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGCUUCA	g AUU	6018	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAGUCAA	24394
G ANCUACGG         6020         CCGUAGGU         GCCGUUAGGC         UCCGUCAAGGA         GCCGUUAGGC         UCCGUUAGGC         UCCGUUAAGGA         GCCGUUAGGC         UCCGGGG           G AUCACCCU         6021         AGGGUGAC         GGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC </td <td>- 1</td> <td>6019</td> <td>GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAGU</td> <td>24395</td>	- 1	6019	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAGU	24395
G GUCACCCU         6021         AGGGUGAC GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGGGGGG           G AGUGAGA         6022         CUCUCACU         GAA         GCCGUUAGGC         UCCGGUUAGGC         UCCGUUCAGGA         UCCGGUUAGGC         UCCGUUCAGGA         UCCGGUUAGGC         UCCGUUCAGGA         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUCAGGA         UCCGUUAGGC         U	AG G AACUACGG	6020	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGGCAG	24396
G AGUGAGAG         6022         CUCUCACU GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG           G AGUGAGG         6023         GCAGCUCU GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG           G AGCUGGG         6024         CCGCAGCU GGA GCCGUUAGGC UCCCUCAAGGA GCCGUUAGGC UCCGGG           G ACACCGU         6025         ACGGUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACACCGU         6026         CACGGUUG GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACACCGU         6027         GGCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG           G ACCUGCA         6029         UCCGCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUCAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG G GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG G GCCGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC GCCGCGGG G GCCGCUUAGGC GCCGCGGG G GCCGCUUAGGC GCCGCGGG G GCCGCUAGGC GCCGCGGG G GCCGCGGG G	JAC G GUCACCCU	6021	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAGUUCC	24397
G AAAGCUGC         6023         GCAGCUCU GGA         GCCGUUAGGC         UCCGGAGC         UCCGGAGC         UCCGGAGCU         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGGUUAGGC         UCCGUUAGGC         UCCGGUUAGCC         UCCGGUUAGCC         UCCGUUAGCC	G AGU	6022	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGUGAC	24398
G AGCUGCGG         6024         CCGCAGGCU GGA         GCCGUUAGGC         UCCGUUCAAGGA         GCCGUUAGGC         UCCGGGG           G GACACCGU         6025         ACGGUGU GGA         GCCGUUAGGC         UCCCCUUCAAGGA         GCCGUUAGGC         UCCGGGG           G ACACCGU         6026         CACGGUGU GGA         GCCGUUAGGC         UCCGGUUAGGC         UCCGGGG           G ACACCGU         6027         GGCAGGU         GGCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G ACCUGCCA         6028         UGCAGGUC         GGA         GCCGUUAGGC         UCCCCUUCAAGGA         GCCGUUAGGC           G ACCUGCCA         6029         UCCGCUCU         GGA         GCCGUUAGGC         UCCCCUUCAAGGA         GCCGUUAGGC         UCCGGGGG           G AGCGGAAA         6030         UUCCGCU         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGGGG           G AAAGUUG         6031         UUCCGCU         GA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGGGG           G AAAGUUG         6032         UCUGUUAGG         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGCUUAGGA         GCCGUUAGGC         UCCGGGG         UCCGGGGG         UCCGGGGG         UCCGGGGG         UCCGGUUAGGA         GCCGUUAG	G AGA	6023	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCAGGG	24399
G ACACCGU         6025         ACGGUGUC         GAA GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCGGGG           G ACACCGUG         6026         CACGGUGU         GAA GCCGUUAGGC         UCCGGUUAGGC         UCCGGGG           G ACCUGCCA         6027         GGCAGGUC         GAA GCCGUUAGGC         UCCGGUUAGGC	G AGC	6024	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCACUCAG	24400
G ACACCGUG         6026         CACGGUGU         66A GCCGUUAGGC         UCCCUUCAAGGA         QCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAAGGA         UCCGUUAAGGC         UCCGUUAAGGC         UCCGUUAAGGC         UCCGGUUAAGGC         UCCGGUUAAGCC         UCCGCUACAACACACACACACACACACACACACACACACA	UGC G GACACCGU	6025	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGCUCU	24401
G GACCUGICC         6027         GGCAGGUC         GGA GCCUUNAGGC         UCCCUUCAAGGA         GCCGUUNAGGC         UCCGCUUCAAGGA         UCCGCUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAGGC         UCCGUUAAGGC         UCCGUUAAAGGC         UCCGUUAAGGC         UCCGUUAAGGC         UCCGUUAAGGC         UCCGUUAAGGC         UCCGUUAAGGC         UCCGGUUAAGGC         UCCGGUUAAGCC         UCCGUUAAAGCC <t< td=""><td>3CG G ACACCGUG</td><td>6026</td><td>GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGCUC</td><td>24402</td></t<>	3CG G ACACCGUG	6026	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGCUC	24402
G ACCUGCCA         6028         UGGCAGGU GGA         GCCGUUAGGC         UCCCUCAAAGAA           G AGAGCGGAA         6029         UCCGCUCU GGA         GCCGUUAGGC         UCCCUCAAAGGA           G AAAGUUGA         6031         CAACUUUC GGA         GCCGUUAGGC         UCCCUUCAAGGA           G AAAGUUGA         6032         UCAACUUU GGA         GCCGUUAGGC         UCCCUUCAAGGA           G AAAGUUGA         6033         UCAGCUUA         GGA         GCCGUUAGGC         UCCCUUCAAGGA           G AUAACAGA         6034         UCAGCCAAU         GGACCAAU         GGACCAAU         GCCGUUAGGC         UCCCUUCAAGGA           G AUAGGCAC         6034         GCACCAAU         GGACCCAAU         GCCCGUUAGGC         UCCCUUCAAGGA           G GUGCUGCA         6035         UGCAGCAC         GGACCCAAU         GCCCGUUAGGC         UCCCUUCAAGGA           G GAGCGGC         6036         UGCAGCAC         GGACCCAAU         GCCGCUUAGGC         UCCCUUCAAGGA           G AAGCGGC         6036         UGCACCAAU         GGACCCAUAGGC         UCCCUUCAAGGA           G ACACCAGC         6036         UGCACCAGA         GCCGCUUAGGC         UCCCUUCAAGGA           G GCGCUUAGGA         6039         CCAACAGC         GA         GCCGCUUAGGC         UCCCUUCAAGAC <tr< td=""><td>GU G GACCUGCC</td><td>6027</td><td>GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGUGUC</td><td>24403</td></tr<>	GU G GACCUGCC	6027	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGUGUC	24403
G AGAGCGGA         6029         UCCGCUCU GGA         GCGUUJAGGC         UCCCUUCAAGGA           G AGCGGAAA         6030         UUUCCGCU         GGA         GCCGUUJAGGC         UCCCUUCAAGGA           G GAAAGUUG         6031         CAACUUUC         GGA         GCCGUUJAGGC         UCCCUUCAAGGA           G AAAGUUGA         6033         UCAACUUU         GGA         GCCGUUJAGGC         UCCCUUCAAGGA           G AUUGGUGC         6034         GCACCAAU         GGA         GCCGUUJAGGC         UCCCUUCAAGGA           G GUGCUGCAA         GGACCAAU         GGA         GCCGUUJAGGC         UCCCUUCAAGGA           G GUGCUGCAA         GGACCCAAU         GGACCCAAU         GCCCCUUCAAGGA         GCCCCUUCAAGGA           G GUGCUGCA         6036         UGCAGCAC         GGA         GCCCCUUCAAGGA           G GAGCGGC         6036         UGCAGCAC         GAA         GCCCCUUCAAGGA           G AACUGCAC         6036         UGCAGCAC         GAA         GCCCCUUCAAGGA           G AACUGCAC         6036         UGCAGCUCAAGGC         GCCCCUUCAAGGC         UACCCUUCAAGGA           G GUAUGGAG         6039         CCAACAAGC         GAA         GCCCCUUCAAGGC         CCCCUUCAAGGC           G GUAUGGAG         6040         UACCCAUCAAGAC	G ACC	6028	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGGUGU	24404
G AACGGAAA         6030         UUUCCGCU GGA         GCCGUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G GAAAGUUG         6031         CAACUUUC GGA         GCGCUUAGGC         UCCCUCCAAGGA         GCGGUUAGGC           G AAAGUGA         6032         UCAACUUU GGA         GCCGUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G AUUGGUGC         6034         UCUGUUAU GGA         GCCGUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G GUGCUACAA         GGACCAAU GGA         GCCGUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G GUGCUACAA         GGACCAAU GGA         GCCGCUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G GUGCUACAA         GGACCAAU GGA         GCCGCUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G GAGCAGCA         GGACCAAU GGA         GCCGCUUAGGC         UCCCUCCAAGGA         GCCGUUAGGC           G AAGCGGC         6036         UGCAGCAC         GAACCAGUAGGC         GCCGCUUAGGC         UCCCUCCAAAGGA         GCCGUUAGGC           G AAGCGGC         6037         GUGCACAGC         GAACCAGCGC         GCCGCUUAGGC         CCCGUUAGGC         GCCGUUAGGC           G GCGCUAGGC         6038         GCCGCUAGGC         GCCGCUCAAGGC         GCCGCUUAGGC         GCCGCUAGGC         GCCGCUCAAGGC         GCCGCUAGGC	G AGA	6029	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGUGGUGG	24405
G GARAGUUG         6031         CARACTUUC GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCGGUUAGGC           G AAAGUUGA         6032         UCAACTUUU GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G AUAGCUGA         6034         UCUGGUUAG GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G GUGCUGCA         6035         UGCACCAAU GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G GUGCUGCA         6036         UGCAGCAC         GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G GAGCUGCA         6036         UGCAGCAC         GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G AACUGCAC         6037         GUGCAGC         GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G ACACCAGC         6038         GCCGCUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC         GCCGUUAGGC           G ACACCAGC         6038         GCCGCUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC         GCCGUUAGGC           G GCGCUAGCAC         6039         GCCGCUAGC         GGA         GCCGUUAGGC         UCCCUTCAAGGA         GCCGUUAGGC           G GUAUGGUA         6040         UACCAUACAC         GGA         GC	G AGC	6030	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCUGUGGU	24406
G AAAGUUGA         6032         UCAACUUU GGA         GCCGUUAGGC         UCCUUCAAGGA         GCCGUUAGGC           G AUAACAGA         6033         UCUGUUAU GGA         GCCGUUAGGC         UCCUUCAAGGA         GCCGUUAGGC           G AUUGGUGCA         6034         GCACCAAU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUGCUGCA         6036         UGCAGCAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G AACUGCAC         6036         UGCAGCAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G AACUGCAC         6037         GUGCAGC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G ACACCGGC         6038         GCCGCUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUGUUAGGC         GCGCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         GC	& B	6031	GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAAGGC UCCGGG GCUCUCUG	24407
G AUDACAGA         6033         UCUGUUNU GGA         GCCGUUAGGC         UCCUUCAAGGA         GCCGUUAGGC           G AUDGGUGC         6034         GCACCAAU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUGCUGCA         6035         UGCAGCAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G AACUGCAC         6036         UGCAGCAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G AACUGCAC         6037         GUGCACUG         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G ACAGCGGC         6038         GCCGCUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         GCCGUUAGGC           G GCGGUUGGA         GCCGCUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC         GCCGUUAGGC         GCCGUUAGGC           G GUAUGGA         6039         CCAACAGC         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGAA         6040         UACCAUAC         GAA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGAG         6041         CUCCAUCACACAC         GCCGUUAGGC         CCCCUUCAACACACACACACACACACACACACACACACA		6032	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUCUCU	24408
G AUUGGUGC         6034         GCACCAAU GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G GUGCUGCA         6035         UGCAGCAC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G GAGCUGCA         6036         UGCAGCAC GGA GCGGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G AGCUGCAC         6037         GUGCAGCU GGA GCGCUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G ACAGCGGC         6038         GCGCCUUAGGC UCCCUUCAAGGA GCGUUAGGC           G GCGGUUAGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC         GCGGUUAGGC GCGA GCCGUUAGGC UCCCUUCAAGGA GCGGUUAGGC           G GUAUGGUA         6040         UACCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G GUAUGGAG         6041         CUCCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC           G GUAUGGAG         6042         CUCCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	SUU G AUAACAGA	6033	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUUCC	24409
G GUGCUGCA         6035         UGCAGCAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GAGCUGCA         6036         UGCAGCUC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G AGCUGCAC         6037         GUGCACUC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G ACAGCGGC         6038         GCCGCUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUGUUGG         6039         CCAACAGC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGUA         6040         UACCAUAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGGG         6041         CUCCAUAC GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GAGAUCAGG         6042         CUCCAUACAGGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC		6034	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUAUCA	24410
G GAGCUGCA         6036         UGCAGCUC GGA         GCGGUUAGGC         UCCTUCAAGGA         GCCGUUAGGC           G AGCUGCAC         6037         GUGCAGCU GGA         GCCGUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           G ACAGCGGC         6038         GCCGCUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           G GUGUUGG         6039         CCAACAGC         GGA         GCCGUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           G GUAUGGUA         6040         UACCAUAC         GGA         GCCGUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           G GUAUGGGA         6041         CUCCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GAGAUCAGG         6042         CUCCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC	GUG	6035	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCUGUU	24411
9 AGCUGCAC         6037         GUGCAGCU GGA         GCCGUUAGGC         UCCGUUAAGGA         GCCGUUAAGGC           0 ACAGCGGC         6038         GCCGCUGU GGA         GCCGUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           0 GCUGUUGG         6039         CCAACAGC         GGA         GCCGUUAGGC         UCCCTUCAAGGA         GCCGUUAGGC           0 GUAUGGUA         6040         UACCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           0 GUAUGGAG         6041         CUCCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           0 GAGAUCAG         6042         CUCAAUCC         GGA         GCCGUUAGGC         CCCCUUCAAGGA         GCCGUUAGGC	G GAG	6036	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGCAC	24412
G ACAGCGGC         6038         GCCGCUGU GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GCUGUUGG         6039         CCAACAGG         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGUA         6040         UACCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GUAUGGAG         6041         CUCCAUAC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC           G GAGAUCAG         6042         CUGAUCCC         GGA         GCCGUUAGGC         UCCCUUCAAGGA         GCCGUUAGGC	G AGC	6037	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCAGCA	24413
G GCUGUUGG G GUAUGGUA G GUAUGGUA G GUAUGGUA G GUAUGGUA G GUAUGGUA G GUAUGGA G GOA1 CCCCAUAC G GCCGUUAGGC G GUAUGGA G GOA1 CCCCAUAC G GCCGUUAGGC G GCCGUUAGGC G GCCGUUAGGC G GCCGUUAGGC G GAGAUCAG G GAGAUCAG G GAGAUCAG G GAGAUCAG G GAGAUCAG G GCCGUUAGGC G GCCGUUAGGC G GAGAUCAG G GCCGUUAGGC G GAGAUCAG G GCCGUUAGGC G GCCGUUAGCC G GCCGUUAGGC G GCCGUUAGGC G GCCGUUAGGC G GCCGUUAGGC G GCCGUUAGCC G GCCGUUACCC G GCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	NCU G ACAGCGGC	6038	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUUGGU	24414
G GUAUGGUA 6040 UACCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC G GUAUGGAG 6041 CUCCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC G GAGAUCAG 6042 CUGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	යි ය දෙගයගායය	6039	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUCAG	24415
G GUAUGGAG 6041 CUCCAUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC G GAGAUCAG 6042 CUGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	G GUA	6040	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGCCG	24416
G GAGAUCAG 6042 CUGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA	G GUA	6041	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACCAAC	24417
	G GAG	6042	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACCAUA	24418

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3469	AUGGUAUG G AGAUCAGA	6043		
3471	GGUAUGGA G AICAGACC	200	Seas Secreturated uccentrated secreturated carred carred	24419
3476		200	eccennade ucconneaded eccennade uccanace	24420
2402		6045	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAUCUCC	24421
5030	AGACCACA G AGACADGA	6046	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGUCU	24422
3485	ACCACAGA G ACAUGAUG	6047	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGUGGU	24423
3490	. 1	6048	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCUCU	24424
3493	D Z	6049	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAUGUC	24425
3498		6050	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUUUCAUC	24426
3519	G AM	6051	UAAGCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUGUGA 2442	24427
3535	AUAAUGCU G AUAUGAUU	6052	$\dagger$	24428
3540	GCUGAUAU G AUUGACCC	6053	GGGUCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAUCAGC 2442	24429
3544	AUAUGAUU G ACCCUUUU	6054	UCCGGG AAUCAUAU	24430
3558	g g	6055	AACUGAAA	24431
3559	G G	9509	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUGAA	24432
3567	accounce a anceogen	6057	UCCGGG AGAAGGCC	24433
3579		6058	GCCGUUAGGC UCCGGG AAGAACAC	24434
3588	GCCACCCA G GAGGUCCU	6909	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGUGGC	24435
3589	CCACCCAG G AGGUCCUU	0909	UCCGG CUGGGUGG	24436
3591	G GU	6061	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGGII	24437
3603	CUUCGCAA G AGGUGGAC	6062	GCCGUUAGGC UCCGGG IIIGCGAAG	24438
3605	UCGCAAGA G GUGGACAG	6063	UCCCUUCAAGGA GCCGUUAGGC UCCGGG IICIIIIACGA	24439
3608	CAAGAGGU G GACAGCCA	6064	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCUUG	24440
3609	AAGAGGUG G ACAGCCAA	6065	CACCUCUU	24441
3618	ACAGCCAA G AUCAGCAU	9909	GCCGUUAGGC UCCGGG UUGGCUGU	24442
3639		6067	AGUAUAGC	24443
3657		6068	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGACUAG	24444
3664		6909	AAUGCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACACCA 2444	24445
3665	GGUGUUUG G GGGCAUUA	6070	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACACC	24446
3000	GUGUUUGG G GGCAUUAC	6071	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAACAC	24447
3007	1.	6072	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAAACA	24448
3682		6073	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGUAAG	24449
3705		6074	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGAUGAC	24450
3708	AUCUUGGU G GGGGCAGC	6075	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGAU	24451
3709	UCUVGGUG G GGGCAGCU	9099	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAAGA	24452
3710		6077	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCAAG	24453
3711	ວິ ບ	6078	AAAGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCACCAA 2445	24454
3724	G AAU	6009	AUUAGAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGAAAG	24455
3735	UCUAAUUC G GGAGGAGA	6080	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUUAGA	24456
3736	CUAAUUCG G GAGGAGAC	6081	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAAUUAG	24457
3737	UNAUUCGG G AGGAGACG	6082	CGUCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAAUUA	24458
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Table VII

24459	24460	24461	24462	24463	24464	24465	24466	24467	24468	24469	24470	24471	24472	24473	24474	24475	24476	24477	24478	24479	24480	24481	24482	24483	24484	24485	24486	24487	24488	24489	24490	24491	24492	24493	24494	24495	24496	24497	24498
CACGUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCGAAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCCGAA	UACCACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCCCG	AAGUGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUCUCC	t	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAGCGC		GGUIGUAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAAGGU	GAUGCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAAACAC	AACGAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUAAA	GUCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUUUGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCUUUG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCGCU	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAUCUCGC	dga gccguuaggc ucccuucaagga gccguuaggc uccggg ugguuggu	daa gecguuagge ueceuucaagga gecguuagge ueeggg cugguugg	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGGUU	t	ACAGCCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAUCAA	AAAACAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAACAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUTUGAAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUAAG	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCAGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGCAG	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CCAGAGCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGAUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACACAUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGAAUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCAGUGA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUACC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAAGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUAUCAU	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG UCAGUAUC	UNUGAUGU GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGUGAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGUUUGA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUGUUA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGUGUU	AAGCAUCT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCCGGG
6083 03	6084 CC	6085 UZ	6086 A.		6088 AA	6089 UT		6091 GP	6092 AP	e093 GU	6094 UC						0019	6101 AC					4				4	4		4		2	4		6118 UU	6119 GG		-	6122 AA
AUUCGGGA G GAGACGUG	G AGACGUGG	g acguagua	g guacacuu	g gegetucau	G GCGACCUU	G ACCUUCAA	G AUACAACC	g guggcauc	g gcauceuu	G AGAUGGAC		CCAACC	CAACCA	G GAGAACAU		CAUTUU	GUUGGC	ල දෙලෙදෙගලග	g georgooon	G GCUUAUCA	G AUGCCCGC		GAUCCC	G AGAUCCCU	G AUCCCUGA	G AUGUGUUG	G AAUUCACU	1	AGCUUG	G GAUGAUAC	G AUGAUACU	G AUACUGAG	G AGAGCCAU	CCAUAA	AUCAAA	G GUUGUUCC	G GGCUGAGA	G GCUGAGAU	CCCGGGCU G AGAUGCUU
3739	3740	3742	3747	3756	3765	3768	3777	3795	3798	3816	3818	3821	3822	3831	3832	3834	3846	3852	3855	3873	3883	3905	3906	3907	3909	3916	3924	3933	3936	3944	3945	3948	3954	3956	3975	3987	4018	4019	4023

**Fable V** 

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	3 8	UCCAGAUU GGA GCC		5	GGA	gg.	89	GGA	GCCUATUC GGA GCC	UGCCUAUU GGA GCC	CAAGCUGC GGA GCC	UCCCUGAU GGA GCC	UCUUCUCC GGA GCC	පාලනයකය ලෙ <b>න</b> දෙද	ccucuucu gan acc	CUCCUCUU GGA GCC	GCACUCCU GGA GCC	CUGCACUC GGA GCC	GCUGCACU GGA GCC	₩	ACTUGATIC GGA GCO	GACTUGGTU GGA GCC	GCUAGAGC GGA GCC	GAAAAGUC GGA GCC	GGA	GGA		GGA	GGA	89	8	CGGGCCAU GGA GCC	GGA	CAUCACUU GGA GCC	GGA	GGA	CAUVAGGC GGA GCC	GGA	TOTAL PROPERTY
20.00	0123	6126	6136	0770	6127	6128	6129	6130	1819	6132	6133	6134	6135	9819	6137	6138	6139	6140	6141	6142	6143	6144	6145	6146	6147	6148	6149	6150	6151	6152	6153	6154	6155	9519	6157	6158	6159	0919	1919
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4486	UCAUGAAU G AUCCAGGA	6203	UCCUGGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCAUGA	24579
4492	AUGAUCCA G GAGCACCU	6204	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24580
4493		6205	AAGGUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGAUCA	24581
4502	AGCACCUU G GAAGAUAU	6206	AUAUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUGCU	24582
4503		6207	CAUAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGUGC	24583
4506	CCUUGGAA G AUAUGGAU	6208	GGA GCCGUUAGGC	24584
4511	GAAGAUAU G GAUGCUCA	6209	GCCGUUAGGC	24585
4512	AAGAUAUG G AUGCUCAG	6210	CUGAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAUCUU	24586
4520	GAUGCUCA G AAUGGUCU	6211	AGACCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAGCAUC	24587
4524		6212	AGACAGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUGAG	24588
4536	G AU	6213	GCACUAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGAGACA	24589
4556	CACCCCU G GGCAAUCU	6214	AGAUUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGGGGUG	24590
4557	ACCCCCUG G GCAAUCUU	6215	AAGAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGGGU	24591
4579	CAGUAGUU G GAUUUUGG	6216	CCAAAAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUACUG	24592
4580		6217	UCCAAAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUACU	24593
4586	UGGAUUUU G GAUAACUC	6218	GAGUUAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUCCA	24594
4587		6219	AGAGUDAU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAAAUCC	24595
4608	UACACAAA G AGAGGAGG	6220	CCUCCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGUGUA	24596
4610	CACAAAGA G AGGAGGCG	6221	CGCCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUGUG	24597
4612	CAAAGAGA G GAGGCGUG	6222	CACGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUUUG	24598
4613		6223	ACACGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUUTU	24599
4615		6224	CAACACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGGG UCCUCUCU	24600
4625	ceuguugu a gaacacuc	6225	GAGUGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACACG	24601
4626	GUGUUGUG G GACACUCC	6226	GGA GCCGUUAGGC	24602
4627	UGUUGUGG G ACACUCCC	6227	GGGAGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACAACA	24603
4644	UCACCAAA G GAGUACAA	6228	UUGUACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGGUGA	24604
4645	G AG	6229	UNUGUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUGGUG	24605
4656	UACAAAA G GGGGACAC	6230	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24606
4657	ACAAAAAG G GGGACACG	6231	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24607
4658	CAAAAAGG G GGACACGA	6232	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24608
4659	AAAAAGGG G GACACGAC	6233	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG	24609
4660	미	6234	<b>₽</b>	24610
4665	G AC	6235	CCGGUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUCCCC	24611
4672	S B	6236	GUAGACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGGUCG	24612
4682	CGUCUACA G GAUCAUGA	6237	GGA	24613
4683	GUCUACAG G AUCAUGAC	6238	GUCAUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUAGAC	24614
4689	AGGAUCAU G ACUCGUGG	6539	CCACGAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUCCU	24615
4696		6240	GAGCAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAGUCA	24616
4697	0	6241	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24617
4705	GGCUGCUC G GCAGUUAU	6242	AVAACUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GAGCAGCO	24618

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-	GCGGGCGU G AUGGUUGA	6247	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24623
Н	GGCGUGAU G GUUGAAGG	6248	GCCGUUAGGC UCCGGG	24624
-+	G AAG	6249	AACACCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCAUCA	24625
-+	1900 B	6250	GAAAACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAACCA	24626
4760	G GCAU	6251		24627
4774	G GAG	6252	GGA	24628
4775	AACAAAAG G AGCCGCUU	6253	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24629
4785	GCCGCUUU G AUGAGCGG	6254	CCGCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCGGC	24630
4788	GCUUUGAU G AGCGGAGA	6255	UCUCCECU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAAGC	24631
4792		6256	GCCCUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUCAUCA	24632
4793	- 1	6257	GGCCCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCUCAUC	24633
4795	- 1	6258	GGA	24634
4797		6259	gg.	24635
4798		6260		24636
4806		6261	UAUGGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCGGCC	24637
4807		6262	GUAUGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGCGGC	24638
4817		6263	GGA	24639
4818		6264		24640
4819		6265	GACACUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG CCAGUAUG	24641
4830		6266	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24642
4831	- 1	6267	GGA	24643
4833		6268	GGA	24644
+		6269	GGA	24645
4838		6270	GGA GCCGUUAGGC	24646
4849		6271	GGA GCCGUUAGGC	24647
4850		6272	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24648
4852		6273	GGA GCCGUUAGGC	24649
4853	G ACCC	6274	UCCCUUCAAGGA	24650
4	G GAAA	6275	GGA	24651
4860	GGACCCUG G AAAUUGCA	6276	GGA GCCGUUAGGC UCCCUUCAAGGA	24652
4877	GCACAAGU G GAACGGGC	6277		24653
4	CACAAGUG G AACGGGCA	6278	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24654
4		6279	AUCCUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCCACU	24655
4		6280	GGA GCCGUUAGGC	24656
4	G GAUG	6281	GGA GCCGUUAGGC UCCCUUCAAGGA	24657
4	ACGGGCAG G AUGAGGUG	6282	CACCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCCCGU	24658
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CAGGAUGA G GUGCAGAU	6284	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCUG	24660
1	6285	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCACCUC	24661
GUGCAGAU G AUUGUGGU	6286	ACCACAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUGCAC	24662
AUGAUUGU G GUGGAACC	6287	GENUCCAC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG ACAAUCAU	24663
AUUGUGGU G GAACCUGG	6288	CCAGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCACAAU	24664
	6289	GCCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCACAA	24665
	6290	GUICAVIGO GGA GOOGUVAGGO UCOCAVIDAAGGA GOOGUVAGGO UCOGGG AGGUVOCA	24666
CCUGGCAA G AACGUUAA	6291	WAACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCCAGG	24667
AACGUUAA G AACGUCCA	6292	UGGACGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAACGUU	24668
AACGUCCA G ACGAAACC	6293	UCCGGG UGGACGUU	24669
	6294	CCUGGUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUGGAC	24670
CGAAACCA G GGGUGUUC	6295	ucceee ugenunce	24671
GAAACCAG G GGUGUUCA	6296	UGAACACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUUC	24672
AAACCAGG G GUGUUCAA	6297	WGAACAC GGA GCCGWAGGC UCCCWCAAGGA GCCGWAAGGC UCCGGG CCWGGWW	24673
AAACACCU G AAGGAGAA	6298	UNCUCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUGUUU	24674
	6299	GAUTUCUC GGA GCCGITIAGGC UCCCTUCAAGGA GCCGUTIAGGC UCCGGG UUCAGGUG	24675
	6300	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCAGGU	24676
	6301	CCCGAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCAG	24677
GAGAAAUC G GGGCCGUG	6302	UCCGGG GAUUUCUC	24678
ල ලෙදර	6303	UCACGGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAUUUCU	24679
	6304	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCGAUUUC	24680
G ACUL	6305	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGGCCCC	24681
	9089	UCCCUUCAAGGA GCCGUDAGGC UCCGGG AAAGUCAC	24682
	6307	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAGUCA	24683
1 1	6308	UGAUGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGGGA	24684
	6309	UCCGGG CAGUGGGG	24685
GAACAUCA G GCUCACCA	6310	VAGUTARAC GAR GCCGUTARGC VCCCUTCAAGGA GCCGUTAAGGC VCCGGG VGAUGUUC	24686
	6311	UNUVIGIO GGA GCCGUVAGGC VCCCUVCAAGGA GCCGUVAGGC VCCGGG ACUAUVGG	24687
	6312	CACUAUUG	24688
G GUGA	6313	CACAUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUUUGU	24689
	6314		24690
	6315	ACAUCACC	24691
ල ලෙදා	6316	AUAAAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACAU	24692
. 1	6317	CAUPAAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUCACA	24693
GGCUUUAU G GCAAUGGA	6318	UCCGGG AUAAAGCC	24694
	6319	gga gccguuaggc ucccuucaagga gccguuaggc uccggg auugccau	24695
	6320	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUGCCA	24696
g acuc	6321	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGGCA	24697
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5113	UAGUGCAG G GUGAAAGG	6324	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCACUA	24700
5116	UGCAGGGU G AAAGGAUG	6325	CAUCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCA	24701
5120		6326	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCACCC	24702
5121		6327	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCACC	24703
5124	GAAAGGAU G GAUGAGCC	6328	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUUUC	24704
5125	AAAGGAUG G AUGAGCCA	6329	GCCGUUAGGC UCCGGG CAUCCUUU	24705
5128	G AGCC	6330	GAUUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCC	24706
5143	1	6331	исссииславая ассаиилава иссава васивава	24707
5144	CCCAGCCG G AUUCGAAC	6332	GUUCGAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGGG	24708
5149	CCGGAUUC G AACCUGAG	6333	CUCAGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAAUCCGG	24709
5155	UCGAACCU G AGAUGCUG	6334	CAGCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGUUCGA	24710
5157	GAACCUGA G AUGCUGAG	6335	CUCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGGUUC	24711
5163	GAGAUGCU G AGGAAAAA	6336	UUUUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCUC	24712
5165		6337	GUUUUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCAUC	24713
5166	G AAA	6338	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAGCAU	24714
5175		6339	ACAGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUUU	24715
5187		6340	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUACAGU	24716
5188	CUGUACUG G AUCUCCAU	6341	GCCGUUAGGC UCCGGG CAGUACAG	24717
5200	UCCAUCCC G GCGCCGGU	6342	ACCGGCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGAUGGA	24718
5206	CCGGCGCC G GUAAAACA	6343	UGUUUNC GGA GCCGUUNGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCGCCGG	24719
5216		6344	GAAUCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUUUUA	24720
5217	AAAACAAG G AGGAUUCU	6345	AGAAUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGUUUU	24721
5219		6346	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUGUU	24722
5220		6347	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUUGU	24723
5232		6348	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGGCAG	24724
5242		6349	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGAUGA	24725
5244		6350	accennages ucconcaagea eccennages uccese ucungan	24726
5255		6351	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUUAUG	24727
5258		6352	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGUUU	24728
5262		6353	GCUGUUCU GOA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCUUCU	24729
5264	G AACA	6354	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCUU	24730
5288	ල ලෙග	6355	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUGGU	24731
5289	G GUUG	6356	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUGG	24732
5295		6357	UCAGCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG ACAACCCU	24733
02		6358	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAGCCA	24734
5304	GCUGCUGA G AUGGCUGA	6329	UCAGCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCAGC	24735
5307	всивавай в всиваавс	6360	GCCGUUAGGC UCCGGG AUCUCAGC	24736
5311	AGAUGGCU G AAGCACUG	6361	CAGUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAUCU	24737
5319	GAAGCACU G AGAGGACU	6362	AGUCCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGCUUC	24738

5321	AGCACUGA G AGGACUGC	6363	GCAGUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUGCU	24739
	CACUGAGA G GACUGCCC	6364	accennagec uccentraagea eccentragec uccege ucucague	24740
	ACUGAGAG G ACUGCCCA	6365	UGGGCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCAGU 24	24741
	GCCCAUCC G GUACCAGA	9969	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAUGGGC	24742
∣ <b>i</b>	CGGUACCA G ACAUCCGC	6367	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUACCG	24743
	AGUGCCCA G AGAACAUA	6368	UAUGUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCACU	24744
	G AAC	6369	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGGCA	24745
	G GAA	6370	CUCAUTUC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AUTAUGUU	24746
	ACAUAAUG G AAAUGAGA	6371	UCUCAUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUTAUGU 24	24747
Щ	AUGGAAAU G AGAUUGUU	6372	AACAAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUCCAU	24748
Н	G AUU	6373	UCCGGG UCAUUUCC	24749
Щ	AGAUUGUU G AUGUCAUG	6374	CAUGACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAAUCU	24750
_	CACCCACA G GCUGAUGU	6375	ACAUCAGO GGA GCOGUUAGGO UCCOUCAAGGA GCOGUUAGGO UCCGGG UGUGGGUG	24751
Н	G AUG	6376	GGAGACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCUGUG	24752
5435	UCCUCACA G GGUGCCGA	6377	UCGGCACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAGGA	24753
5436	ദ ദേദ	6378	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGUGAGG	24754
5442	G AAC	6379	vccese secaccov	24755
		6380	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAACAG	24756
5463	UUCGUGAU G GAUGAGGC	6381	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACGAA	24757
5464		6382	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCACGA	24758
	G AGG	6383	AUGAGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUCA	24759
	AUGGAUGA G GCUCAUUU	6384	UCCGGG UCAUCCAU	24760
	AUTUCACC G ACCCAGCU	6385	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGAAAU	24761
4	UGCAGCAA G AGGUUACA	6386	UGUAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGCUGCA	24762
Ц	CAGCAAGA G GUUACAUU	6387	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUGCUG	24763
Ц	UCCACAAA G GUCGAGCU	6388	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGUGGA	24764
4		6389	accentragec uccenteragea accentragec uccege eaccitude	24765
4	G GGG	6390	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGCUCGA	24766
5534	G GGA	6391	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGCUCG	24767
5535		6392	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUAGCUC	24768
4	AGCUAGGG G AGGCGGCG	6393	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCUAGCU	24769
5538	CUAGGGGA G GCGGCGGC	6394	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCCUAG	24770
5541		6395	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUCCCC	24771
5544		9689	AAUAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCCUC	24772
Ц		6397	GUGGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAAUAU	24773
_		6398	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUGGGG	24774
Ц	GCACUUCA G AUCCAUUC	6399	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAGUGC	24775
Ц	CAUUCCCA G AGUCCAAU	6400	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGAAUG	24776
Ц	CAAUUUCC G ACUUACAG	6401	CUGUAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGAAAUUG	24777
Ц	GACUUACA G ACUGAGAU	6402	AUCUCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUAAGUC 24	24778

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5628	CAGACUGA G AUCCCGGA	6404	UCCGGGAU GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGUCUG	24780
5634	GAGAUCCC G GAUCGAGC	6405	gaa accennagge uccenteaagaa eccentagge uccege eggaucuc	24781
5635	AGAUCCCG G AUCGAGCU	6406	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGAUCU	24782
5639	CCCGGAUC G AGCUUGGA	6407	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUCCGGG	24783
5645		6408	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUCGA	24784
5646	G AACU	6409	CCAGAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGCUCG	24785
2653		6410	UUCGUAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGUUCC	24786
5654		6411	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGUUC	24787
2659	CUGGAUAC G AAUGGAUC	6412	GAUCCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUAUCCAG	24788
2663	AUACGAAU G GAUCACAG	6413	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCGUAU	24789
5664	UACGAAUG G AUCACAGA	6414	UCUGUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCGUA	24790
5671	GGAUCACA G AAUACACC	6415	GGUGUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUGAUCC	24791
2680	ANUACACC G GGAAGACG	6416	CGUCUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUGUAUU 2	24792
5681	AUACACCO G GAAGACGG	6417	CGGUGUAU	24793
5682	UACACCGG G AAGACGGU	6418	GCCGUUAGGC UCCGGG CCGGUGUA	24794
5685	G ACGG	6419	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCGGU	24795
5688	ര സേവ	6420	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUUCCC	24796
5693		6421	UCCGGG AAACCGUC	24797
5712		6422	gaa gccguuaggc ucccuucaagga gccguuaggc uccggg uugacacu	24798
5715	Ι. Ι	6423	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUGAC	24799
5716	G GGAA	6424	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUUGA	24800
5717	G GAAU	6425	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCUUG	24801
5718	AAGAUGGG G AAUGAGAU	6426	AUCUCAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUCUU	24802
5722		6427	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCCCCA	24803
5724	GGGAAUGA G AUUGCCCU	6428	AGGGCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUCCC	24804
5749		6429	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCACGUU	24805
5750		6430	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAGCACGU	24806
5754	GCUGGAAA G AAAGUAGU	6431	ACUACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCAGC	24807
5769	GUCCAAUU G AACAGAAA	6432	UNICUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUGGAC 2	24808
5774	AUUGAACA G AAAGUCGU	6433	ACGACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUCAAU	24809
5785	AGUCGUAC G AGACGGAG	6434	CUCCGUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUACGACU	24810
5787	G ACGG	6435	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUACGA	24811
5790	UACGAGAC G GAGUACCC	6436	GGGUACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCUCGUA	24812
5791	ACGAGACG G AGUACCCA	6437	UGGGUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUCUCGU	24813
5808	AAAUGUAA G AACGAUGA	6438	UCAUCGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUACAUUU	24814
5812		6439	CCAAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUCUUAC	24815
5815	AGAACGAU G. AUUGGGAC	6440	GUCCCAAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCGUUCU	24816
5819	ဗ	6441	Н	24817
•	GAUGAUUG G GACUUUGU	6442	UCCGGG CAAUCAUC	24818

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6443 AAC 6444 AGP	AAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUGUGA GGA GCCGIIIAGGC UCCCUUCAAGGA GCCGIIIAGGC UCCGGG AGAITATGT	24819 24820
G GGGCUAA	6446	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUCAGA	24821
CUGAAAUG G GGGCUAAC	6447	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUTUCAG	24823
UGAAAUGG G GGCUAACU	6448	AGUNAGCC GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUNAGGC UCCGGG CCAUUUCA 248	24824
G GCGAGCAG	6450	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAAGUU	24826
	6451	UCCGGG GCCUUGAA	24827
	6452	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUCGCC	24828
g gugauuga	6453	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGCUCGC	24829
AGCAGGGU G AUUGACAG	6454	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCUGCU	24830
GGGUGAUU G ACAGCCGG	6455	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACCC	24831
G AAGAGUGU	6457	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGUC	24833
AGCCGGAA G AGUGUGAA	6458	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCCGGCU	24834
	6459	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACUCUU	24835
UCAUAACA G AAGGAGAA	6460	UUCUCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUUAUGA 248	24836
UAACAGAA G GAGAAGGG	6461	UUCUGUUA	24837
	6462	UCCCUUCU GAA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUGUU 248	24838
G AAG	6463	UCUCCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUUCUG	24839
G GGA	6464	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCUCCUU	24840
AGGAGAAG G GAGAGUGA	6465	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUCCU	24841
GGAGAAGG G AGAGUGAU	6466	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCUCC	24842
AGAAGGGA G AGUGAUCC	6467	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCUUCU	24843
G AUC	6468	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUCCC	24844
g gg	6469	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAUCAC	24845
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UCUGCAGU G ACAGCAGC	6473	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCAGA	24849
G AGA	6474	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCGGC	24850
O	6475	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGGCG	24851
G GAC	6476		24852
υ	6477	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGUCUC	24853
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UAUCGGUA G AAAUCCGU	6419	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCGAUA	24855
	6480	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUGCG	24856
	6481		24857
UUGGUGAU G AGUACUGU	6482	ACAGUACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACCAA 248	24858

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24859	24860	24861	24862	24863	24864	24865	24866	24867	24868	24869	24870	24871	24872	24873	24874	24875	24876	24877	24878	24879	24880	24881	24882	24883	24884	24885	24886	24887	24888	24889	24890	24891	24892	24893	24894	24895	24896	24897
UCCGGG AUAACAGU	UCCGGG CAUAACAG	UCCGGG CCAUAACA	UCCGGG CCCAUAAC	UCCGGG CCCCAUAA	uccese auausccc	UCCGGG AUUCGUGU	uccese uncaunce	uccese eucoucau	ucceee eaguceuc	UCCGGG AAUGGGCG	UCCGGG CAAUGGGC	UCCGGG AGUCCAAU	uccege ucagucca	vcceee evecavca	uccege agcaugau	uccege caecauga		uccese cennusec	uccege Agucceuu	uccese useruseu	vccaga Acacucua	uccege ucacecuc		UCCGGG AUGGUAUA	uccege caugedau					uccege eguaducc			ucceee cucueaec	uccegg uccucuas	ucceee uncuccuc	uccege ucuncucc	uccese ucucuucu	uccege agaaaguu
	GCCGUUAGGC UCK		accamaggc uc	accedunage uc	accennage uc	GCCGUUAGGC UCC	acceunagec ucc	accevuagec uco	GCCGUUAGGC UCC	accavinage uco	accedunage uc		accavinagge ucc	accountage oc	accennagge uco	GCCGUUAGGC UC	accannagge uco	accannagge uco	accannagge uco		accavurage uc	GCCGUUAGGC UCK		accavuragac uco	GCCGUUAGGC UCK	accavinagac uco	accannagge uco							accavinagac uco	GCCGUUAGGC UC		accevoagec occ	accennagge oc
UCCCUUCAAGGA (	UCCCUUCAAGGA (	GCCGUUAGGC UCCCUUCAAGGA C	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	UCCCUUCAAGGA (		UCCCUUCAAGGA (		UCCCUUCAAGGA (	UCCCUUCAAGGA (	) 1							1 1	UCCCUUCAAGGA (	ucccuucaagga (	UCCCUUCAAGGA (	UCCCUUCAAGGA (	ucccuucaagga (				
GCCGUUAGGC	GCCGUUAGGC		GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC
GUGCCCCC GGA	UGUGCCCC GGA	GUGUGCCC GGA	ceuguecc gea	UCGUGUGC GGA	UCUUCAUU GGA	GUCGUCUU GGA	CGAGUCGU GGA	GUUCGAGU GGA	GCGAAGUU GGA	CCUCAGUC GGA	GCCUCAGU GGA	UCGUGCCU GGA	AUUCGUGC GGA	GCAUGAUU GGA	AUGUUGUC GGA	GAUGUUGU GGA	GAUCAGUC GGA	CGAUCAGU GGA	UGAGCGAU GGA	CUCACGCU GGA	UACCUUCU GGA	UAUACCUU GGA		UCCCCAUC GGA	UUCCCCAU GGA	GUAUUCCC GGA							ucuconco ega		ගගහපහදහ යෙන	UUUUUUUU GGA	AGUUUUUUU GGA	AACAGUUC GGA
6483	6484	6485	6486	6487	6488	6489	6490	6491	6492	6493	6494	6495	6496	2679	8679	6499	0059	1059	6502	6203	6504	2059	9059	6507	8059	6059	6510	6511	6512	6513	6514	6515	9159	2159	6518	6159	6520	6521
ACUGUUAU G GGGGGCAC	CUGUUAUG G GGGGCACA		GUUAUGGG G GGCACACG	UVAUGGG G GCACACGA	GGGCACAC G AAUGAAGA	ACACGAAU G AAGACGAC	CGAAUGAA G ACGACUCG	AUGAAGAC G ACUCGAAC	GACGACUC G AACUUCGC	CGCCCAUU G GACUGAGG	GCCCAUUG G ACUGAGGC	AUUGGACU G AGGCACGA	UGGACUGA G GCACGAAU		AUCAUGCU G GACAACAU		UGCCAAAC G GACUGAUC	GCCAAACG G ACUGAUCG	AACGGACU G AUCGCUCA	ACCAACCA G AGCGUGAG	CAGAGCGU G AGAAGGUA	GAGCGUGA G AAGGUAUA	CGUGAGAA G GUAUAUAC	UAUACCAU G GAUGGGGA	AUACCAUG G AUGGGGAA	CCAUGGAU G GGGAAUAC		AUGGAUGG G GAAUACCG	UGGAUGGG G AAUACCGG	GGAAUACC G GCUCAGAG	G AGGAG	GGCUCAGA G GAGAAGAG	GCUCAGAG G AGAAGAGA		GAGGAGAA G AGAGAAAA	GGAGAAGA G AGAAAAA	AGAAGAGA G AAAAAACU	AACUTUCU G GAACUGUU
6037	6038	6039	6040	6041	6048	6052	6055	6058	6063	6077	6078	6082	6084	6809	6609	6100	6121	6122	6126	6148	6154	9519	6129	6171	6172	6175	9219	6177	6178	6185	1619	6193	6194	6196	6199	6201	6203	6216

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24899	24900	24901	24902	24903	24904	24905	24906	24907	24908	24909	24910	24911	24912	24913	24914	24915	24916	24917	24918	24919	24920	24921	24922	24923	24924	24925	24926	24927	24928	24929	24930	24931	24932	24933	24934	24935	24936	24937	24938
GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACAGUUC 2	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAACAGU 2	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAACAG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAGUCC 2		GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAAAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGUAAGC 2	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCAAC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCGCUG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCCGCU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGUAUG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUCGUGG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGUCGUG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGUCG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCUCCGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAGCACC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAAAGC 2	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGACCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGGACC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAAAUUG	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCUAAAA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGUUGU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCGUU	ucccuucaagga gccguuaggc uccggg cacuucgu	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAUGAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGCUUCG	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAAGCU	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCACCA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUCACC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUUUC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAUCUU	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGAAUC	AGCGCGGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGCGCGG	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCCAGC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUCA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGCGUC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGUACAC	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGUACA	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUGAUC 2
6523 GCAGUCCU GGA GCCGU	6524 CUGCAGUC GGA GCCGU	GGA	6526 UGGCAGAU GGA GCCGU	GGA	6528 UUGUAAGC GGA GCCGU	GCUGCAAC GGA	6530 ACUCCAGO GGA GCCGU	6531 UGACACUC GGA GCCGU	6532 AUGACACU GGA GCCGU	6533 ccuccedu gea ecceu	6534 ACCACCUC GGA GCCGU	6535 CACCACCU GGA GCCGU	AGCACCAC GGA	6537 CAAAGCAC GGA GCCGU	AGGACCAU GGA	6539 CCUAGGAC GGA GCCGU	UGUUUGUC GGA	6541 GUGUUUGU GGA GCCGU	6542 GUUGUCUU GGA GCCGU	6543 GUUGUUGU GGA GCCGU	6544 UUCCACUU GGA GCCGU	6545 AUGACUUC GGA GCCGU	GAUGACUU GGA	CCAAGCUU GGA	6548 ccuvucac gga gccgu	concentin ggA	GAAUCUUC GGA	AGAAUCUU GGA	CUCAGAAU GGA	CGCGGCCU GGA	GGA	CGUCAAUC GGA	GCGUCAAU GGA	CCUGGCGU GGA	6558 AGUACACC GGA GCCGU	6559 GAGUACAC GGA GCCGU	6560 UGGUGAUC GGA GCCGU	CUGGUGAU GGA	562 UUUAGUGC GGA
	g gacuecag	G ACUGCAGA	G AUCUGCCA	g acuaecou	g gcunacaa	g googcagc		GUGUCA	AGCGCCUG G AGUGUCAU	CGGAGG	g gagguagu	g Acguague	ල ලෙලෙනයෙන	GCOORG	g AUGGUCCU	g guccuagg			GACAAC		G AAGUGGAA	G GAAGUCAU	G AAGUCAUC	ecunee	GAAAGG	G AAAGGAAG	G GAAGAUUC	G AAGAUUCU	UCUGAG	505005	ල දෙපලපපත	G GAUUGACG	JGACGC	G ACGCCAGG	UGUACU		G GAUCACCA	G AUCACCAG	GAUCACCA G GCACUAAA 6
6225	6227	6228	6235	6248	6252	6261	6270	6274	6275	6289	6293	6294	6296	6239	6307	6310	6317	6318	6334	6337	6346	6351	6352	6363	6370	6373	6377	6378	6381	6387	6389	6398	6399	6403	6410	6411	6420	6421	6429

Table VII

6438	GCACUAAA G GCGUUCAA	6563	UUGAACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGUGC	24939
6447	gcguucaa g gacuucgc	6564	GCGAAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGAACGC	24940
6448		6565	GOCGAAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGAACG	24941
6459	UUCGCCUC G GGAAAACG	9959	COUTUNC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGGCGAA	24942
6460	noocance e eyyyyaan	6567	ACGUIUUC GGA GCCGUIAGGC UCCCUICAAGGA GCCGUIAGGC UCCGGG CGAGGCGA	24943
6461	G AA	6568	GGA GCCGUUAGGC	24944
6474	CGUUCUCA G AUAGGGCU	6269	AGCCCUAU GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UGAGAACG	24945
6478	cucadana e eecucanu	6570	AAUGAGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCUGAG	24946
6419	UCAGAUAG G GCUCAUUG	6571	CAAUGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAUCUGA	24947
6487	G AG	6572	CAGAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAGCC	24948
6489	ø	6573	CCCAGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUGAG	24949
6495	GAGGUUCU G GGAAAGAU	6574	AUCUTUCC GGA GCCGUTAGGC UCCCUTCAAGGA GCCGTUTAGGC UCCGGG AGAACCUC	24950
6496	อบสองสุดอ อ อบวบบออง	6575	CAUCUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAACCU	24951
6497	GGUUCUGG G AAAGAUGC	6576	GCAUCUUT GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGAACC	24952
6501	CUGGGAAA G AUGCCUGA	6577	UCAGGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCCCAG	24953
6208	G AC	6578	GAAGUGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCAUCU	24954
6219	CACUUCAU O GGGAAGAC	6239	GUCUUCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAAGUG	24955
6520	ACUUCAUG G GGAAGACA	6580	UGUCTUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGAAGU	24956
6521	CUUCAUGG G GAAGACAU	6581	AUGUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUGAAG	24957
6522	UUCAUGGG G AAGACAUG	6582	CAUGUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAUGAA	24958
6525	G AC	6583	UCCCAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCCCAU	24959
6530	9 G	6584	GUGCUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCUUC	24960
6531	9	6585	AGUGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUGUCUU	24961
6532	AGACAUGG G AAGCACUU	6586	gg	24962
6541	AAGCACUU G ACACCAUG	6587	CAUGGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUGCUU	24963
6228	UACGUUGU G GCCACUGC	6288	GCAGUGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACGUA	24964
6568	G AG	6289	UCCUTUCU GGA GCCGULAGGC UCCCUUCAAGGA GCCGULAGGC UCCGGG UGCAGUGG	24965
6570	20	6590	GGA GCCGUUAGGC	24966
6574	CAGAGAAA G GAGGAAGA	6591	GGA	24967
6575	AGAGAAAG G AGGAAGAG	6592	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24968
6577	AGAAAGGA G GAAGAGCU	6593	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	24969
6578	G A	6594	GAGCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCUTUC	24970
6581	G AG	6595	UGUGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUCCU	24971
6590	G AA	9659	GGGCCAUV GGA GCCGUVAGGC UCCCUVCAAGGA GCCGUVAGGC UCCGGG UGUGAGCU	24972
6594		6597	UCCAGGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUGUG	24973
0099	AUGGCCCU G GAGGAACU	6598		24974
6601	UGGCCCUG G AGGAACUG	6233	CAGUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGGCCA	24975
6603		0099	GGCAGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAGGGC	24976
6604		1099	UGGCAGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAGGG	24977
6613	AACUGCCA G AUGCUCUU	6602	AAGAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCAGUU	24978

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6624	GCUCUUCA G ACAAUUGC	6603	GCAAIIIIGH GGA GCCGIIIIAGAC HCCCIIICAAGGA GCCAIIIIAGG HCCGGG HCCAGG	24070
	AUUGCCUU G AUUGCCUU	6604	GGA GCCGUUAGGC UCCCUICAAGGA GCCGIIIAAGC	24979
	GCCUUAUU G AGUGUGAU	6605	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	24981
		9099	GCCGUUAGGC UCCGGG	24982
	Ø	6607	CCCAUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCACACU	24983
	AUGACCAU G GGAGUAUU	8099	AAUACUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUCAU	24984
	UGACCAUG G GAGUAUUC	6099	GGA GCCGUUAGGC	24985
	뎱	6610	GGA GCCGUUAGGC UCCCUUCAAGGA	24986
	CAUGCAGC G GAAGGGCA	6611	GGA GCCGUUAGGC UCCCUUCAAGGA	24987
	G AAG	6612	GGA	24988
- 1	G GGC	6613	GGA GCCGUUAGGC UCCCUUCAAGGA	24989
- 1	G GCA	6614	UCCAAUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCGCU	24990
- 1	AGGGCAUU G GAAAGAUA	6615	GGA	24991
- 1	GGGCAUUG G AAAGAUAG	9199	GGA GCCGUUAGGC UCCCUUCAAGGA	24992
- 1	G AUA	6617		24993
- 1	В В В	6618	GGA GCCGUUAGGC UCCCUUCAAGGA	24994
- 1	G GGA	6619	GCGCCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUAU	24995
- 1		6620	AGCGCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACCUA	24996
- 1	AGGUUUGG G AGGCGCUG	6621	GGA	24997
- 1	GUUUGGGA G GCGCUGUC	6622	GGA GCCGUUAGGC	24998
- 1	G GGAC	6623	GCCGUUAGGC UCCCUUCAAGGA	24999
ı		6624	GGA	25000
- 1	G AGU	6625	. 1	25001
- (		9299	GGA	25002
- 1	UNUCUGUU G GAUGGCUG	6627	GGA GCCGUUAGGC	25003
- 1	UUCUGUUG G AUGGCUGA	6628	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25004
- 1	g GCUC	6629	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25005
- 1		6630	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25006
		6631	GGA GCCGUUAGGC UCCCUUCAAGGA	25007
- 1	AGUUCCAG G AACGAAGA	6632	GGA GCCGUUAGGC	25008
- 1	CCAGGAAC G AAGAUCGC	6633	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25009
- 1		6634	GGA	25010
		6635		25011
- 1	G AAUC	9699	GGA	25012
- 1		6637	GGA	25013
- 1	CUCUUGAU G AUUGUGCU	6638	GGA	25014
- 1	UAAUUCCU G AGCCAGAG	6639	CUCUGGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAAUUA	25015
- 1	CUGAGCCA G AGAAGCAA	6640	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25016
- 1	GAGCCAGA G AAGCAACG	6641	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGCUC	25017
- 1	CGUUCGCA G ACAGACAA	6642	UNGUCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCGAACG	25018

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ACCCUUGU G AGCGCAGU	6646	ACUGCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAGGGU 25022
AGCGCAGU G GCAGCCAA	6647	UNGGCUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGCGCU 25023
CAGCCAAC G AGAUGGGU	6648	ACCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUUGGCUG   25024
G AUG	6649	accennage uccege uccuugec
AACGAGAU G GGUUGGCU	0599	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUCGUU
ദ സേ	6651	UAGCCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUCGU 25027
GAUGGGUU G GCUAGAUA	6652	UAUCUAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AACCCAUC 25028
GUUGGCUA G AUAAGACC	6653	UCCGGG UAGCCAAC
CUAGAUAA G ACCAAGAG	6654	CUCUUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUCUAG
AAGACCAA G AGUGACAU	6655	GCCGUUAGGC UCCGGG UUGGUCUU
CCAAGAGU G ACAUAAGC	9599	GCUUAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUGG   25032
GUUUGUUU G GGCAAAGA	6657	UCUTUGCO GGA GCCGUTAGGO UCCCUTCAAGGA GCCGUTAGGO UCCGGG AAACAAAC 25033
UUUGUUUG G GCAAAGAA	6658	UUCUUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAACAAA 25034
UGGGCAAA G AAUUGAGG	699	CCUCAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUGCCCA 25035
AAAGAAUU G AGGUCAAG	0999	UCCGGG AAUUCUUU
AGAAUUGA G GUCAAGGA	1999	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAUUCU
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GUCAAGGA G AAUUUCAG	6664	CUGARAUT GGA GCCGUTAGGC UCCCUTCAAGGA GCCGUTAGGC UCCGGG UCCTUGAC 25040
ø	6665	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGCUGAA
UCAGCAUG G GAGAGUUU	9999	eccennagec uccege caugeuga
CAGCAUGG G AGAGUUUC	6667	GCCGUUAGGC UCCGGG CCAUGCUG
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	6671	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGUCCAA
O	6672	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAAGUCC
UUGAGGCC G GCAACAGC	6673	GCUGUUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG GGCCUCAA 25049
AACAGCCU G GUCACUGU	6674	ACAGUGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGCUGUU 25050
ø	6675	GCCGUUAGGC UCCGGG ACAGCGUA
ACAACAGC G GUCCUCAC	9299	
G AUC	6677	GCCGUUAGGC UCCGGG AAAUGCUU
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ACCUCAUU G ACCUCAAU	6299	AUUGAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUGAGGU 25055
AACGUUCA G GCAAGUGC	0899	GCACUUGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UGAACGUU 25056
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Įğ	CGAUGUUG G AGUGUCGG	6685	CAACAUCG	25061
ğ		9899	AGGAGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACACUCC	25062
		6687	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCUGCUA	25063
Š	AGCAGCCG G AUGCUGGG	8899	CCCAGCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCUGCU	25064
Q.		6899	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUCCG	25065
ÄĞ	аваивсив в ввасалви	0699	GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG CAGCAUCC	25066
UG	GAUGCUGG G GACAAGUC	1699	GACTUGUC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG CCAGCAUC	25067
ğ	AUGCUGGO O ACAAGUCA	6692	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCAGCAU	25068
SCGI	G GUA	6693	UCCGGG GUAACGGU	25069
UAA	GURACAGO G GCAACACU	6694	AGUGUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUUAC	25070
CCUI		9699	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUAGGC	25071
GGUL	UGGUUCCC G GUUGGCAA	9699	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGAACCA	25072
CCC	иссевии в всъявсив	2699	CAGCIUIGO GGA GOCGUUAGGO UCCOUNCAAGGA GCCGUUAGGO UCCGGG AACCGGGA	25073
GCA		8699	CAUTIGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUUGCC	25074
AAGC		6699	CGCAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCUUG	25075
GCCC	Ø	6700	CUGUCCGC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGGGCU	25076
CCAGCGGC	ceec e eacaecee	6701	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCGCUGG	25077
AGCC		6702	GCCGCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCCGCUG	25078
CGGACAGC	ව අදදැල	6703	AUUCCGGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGUCCG	25079
CAGCGGCC	G GAAL	6704	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCGCUG	25080
AGCGGCCG		6705	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGCCGCU	25081
GGAAUCAU	G AAGA	9029	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGAUUCC	25082
AUCAUGAA	G AACC	6707	UCCGGG UUCAUGAU	25083
CUGL	1 1	6708	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG ACUACAGC	25084
CUGUAGUG	G AUGG	6029	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUACAG	25085
UAGUGGAU		6710	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACUA	25086
GGCAUCGU		6711	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACGAUGCC	25087
GUGGCCAC		6712	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGGCCAC	25088
UGGCCACG	-	6713	UGGGACGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGGCCA	25089
ACGUCCCA	G AAUL	6714	CUCUAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGACGU	25090
CAGAAUUA		6715	GOUGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAAUUCUG	25091
AUCAUGCA		91/9	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCAUGAU	25092
AUGCAGAA	G MAAC	6717	CCAACUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGCAU	25093
S S		6718	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUUCU	25094
MAG	G ACAG	6119	UGAUCUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAACUUUC	25095
UUGG	G AUC	6720	AGCAUGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUCCAAC	25096
SE	G AUCU	6721	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUGAU	25097

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7479	GUAGUAGU G AACCCGUC	6723	GACGGGUU GGA GCCGUUAGGC UCCCUIICAAGGA GCCGIIIAAGGC UCCGUIAGIAG	00000
7491	CCGUCUGU G AAGACAGU	6724	GGA GCCGUUAGGC UCCCUCCAAGGA GCCGIIIIAGAC IICCGGG	25100
7494	UCUGUGAA G ACAGUACG	6725	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGIIIIAGAGC IICCGAG	25101
7502	GACAGUAC G AGAAGCCG	6726	GGA GCCGUUAGGC UCCCUTICAAGGA GCCGIIITAAGC	25102
7504	CAGUACGA G AAGCCGGA	6727	GCCGUDAGGC UCCCUUCAAGGA GCCGIIIAGGC	25102
7510	GAGAAGCC G GAAUUUUG	6728	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUIIAGGC IICCGGG	25103
7511	AGRAGCCG G RAUTUTIGA	6729	UCCCUUCAAGGA GCCGUIAGGC IICCGGG	25105
7518	G A	6730	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25106
7524	D D	6731	GCCGUUAGGC UCCGGG	25107
7533		6732	AGCGUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGCGGC	25108
7536	G A	6733	UCCGGG	25109
7544	GACGCUUU G GGAGAAUG	6734	GCCGUUAGGC UCCGGG	25110
7545	ACGCUUUG G GAGAAUGG	6735	GCCGUUAGGC UCCGGG	25111
7546	CGCUTUGG G AGAAUGGA	6736	GCCGUUAGGC UCCGGG	25112
7548		6737	GCCGUUAGGC UCCGGG	25113
7552		6738	GCUUGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCHCCC	25114
7553	1	6239	nccee	25115
.7568	CUCUGUUU G GAACGCAA	6740	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25116
7569	UCUGUUUG G AACGCAAC	6741	GCCGUUAGGC UCCGGG	25117
7588		6742	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25118
7589		6743	GCCGUUAGGC UCCGGG	25119
7609		6744	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25120
7610		6745	ACCAACCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACGCAUG	25121
7611	9	6746	GGA GCCGUUAGGC	25122
7612		6747		25123
7616		6748	AUGACAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCCCCA	25124
7640	- 1	6749	UGAGUGUC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG AUGUDAUG	25125
7641		6750	GGA GCCGUUAGGC	25126
(653	CUCAUAAA G AACAUGGA	6751	GGA GCCGUUAGGC	25127
629	AAGAACAU G GAAAAACC	6752	GGA GCCGUUAGGC	25128
7,660		6753	gg B	25129
7669		6754	UUUUAGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUUUU	25130
7670	- 1	6755	GGA	25131
2	- 1	6756	CCCCACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUAGU	25132
7681		6757	UGCCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUUUA	25133
7684	AAAGAGGU G GGGCAAAA	6758	GGA	25134
7685	AAGAGGUG G GGCAAAAG	6229	CUUUUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCUCUU	25135
7686		6760	CCUUITUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCACCUCU	25136
7693		1929	GGUGCGUC GGA GCCGUNAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGCCC	25137
7694	GGCAAAAG G ACGCACCU	6762	AGGUGCGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUUGCC	25138

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7704	CGCACCUU G GGAGAGGU	6763	ACCUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUGCG	25139
7705	, ,	6764	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25140
2706	,	6765	AAACCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGGUG	25141
7708		6766	GGA	25142
7710	UUGGGAGA G GUUUGGAA	6767	UCCGGG	25143
7715	AGAGGUUU G GAAAGAAA	6768	UNUCUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACCUCU	25144
7716		6269	connector des decentrades necestades eccentrades neceses essected	25145
7720	ð	6770	_ 1	25146
7724	G A	6771	edingalar dea accentrade nocconcarder eccentrade nocede unicuno	25147
7734		6772	nnnencyn ees eccennydec nccancyyees eccennydec nccee neannerd	25148
7737	AACCAGAU G ACAAAAGA	6773	UCUUTUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUGGUU	25149
7744		6774	GAACUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUGUCA	25150
7747	CAAAAGAA G AGUUCACU	6775	AGUGAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUUUG	25151
7757		9229	necedarc eer eccennyeec accancyreer eccennyeec accee aveneyac	25152
7768		6777	GAUGGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAAGGC UCCGGG UUUGCGGU	25153
7770		6778	AUGAUGGC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG UCUVUGCG	25154
7780		6779	GGA	25155
7786	UCGAAGUC G AUCGCUCA	6780	UGAGCGAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUUCGA	25156
7797		6781	UGUUTUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCUGAGCG	25157
7811		6782	COUCOUNC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGUGU	25158
7812		6783	contour sea eccentrase ucconcaasea eccentrase ucase cuseceus	25159
7816		6784	AUUGCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAAGGC UCCGGG UUUCCUGG	25160
7819	GGAAAGAA G GCAAUGUC	6785	GACAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUUUCC	25161
7831	AUGUCACU G GAGGGCAU	6786	AUGCCCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGACAU	25162
7832		6787	GAUGCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGUGACA	25163
7834		6788	UGGAUGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCAGUGA	25164
7835		6289	CUGGAUGC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG CUCCAGUG	25165
7850	AGUCUCUA G GGGCACAG	6790	GGA GCCGUUAGGC	25166
7851	GUCUCUAG G GGCACAGC	6791	GGA GCCGUUAGGC	25167
7852	UCUCUAGG G GCACAGCA	6792	GGA GCCGUUAGGC	25168
7866		6793	AGCCAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUUUGC	25169
7868		6794	GGA	25170
7871	ဗ	6795	CGACCAGC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUIAGGC UCCGGG AUCUCAGU	25171
7875	9 9	6796	COUNCARC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCAUCU	25172
7879	GGCUGGUC G AACGGAGG	6797	GGA GCCGUUAGGC	25173
7883	GGUCGAAC G GAGGUUUC	6798		25174
7884	GUCGAACG G AGGUUUCU	6429	AGAAACCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUUCGAC	25175
7886	CGAACGGA G GUUUCUCG	6800	CGAGAAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGUUCG	25176
7894	S S	6801	вассвети вва вссетиваес исстиславва вссетиваес иссава вавлалс	25177
7899	CUCGAACC G GUCGGAAA	6802	UUUCCGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGUUCGAG	25178

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7903	AACCGGUC G GAAAAGUG	6803	CACUTUTIC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGIIIIAGAC IICCAAA GAACAAIII	25179
7904	ACCGGUCG G AAAAGUGA	6804	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGACCGGU	25180
7911		6805	UCCGGG ACUTUTUCC	25181
7915	G ACC	9089	UCCAAGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUCACUU 2518	25182
7921	UUGACCUU G GAUGUGGA	6807	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAGGUCAA	25183
7922	UGACCUUG G AUGUGGAA	8089	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGGUCA	25184
7927	UUGGAUGU G GAAGAGGC	6809	GCCUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCCAA 2518	25185
7928		6810	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAUCCA	25186
7931	G AG	6811	GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UUCCACAU	25187
7933	ည် ၁	6812	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCCAC	25188
7936		6813	ACACCAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCUCUUC 2518	25189
7940	AGGCGGUU G GUGUUACU	6814	AGUNACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACCGCCU 2519	25190
7953	UACUAUAU G GCAACCCA	6815	UCCGGG AUAUAGUA	25191
1967	CCAAAAA G AGUCCAAG	9189	CUUGGACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUUUUGG 2519	25192
7975		6817	UCUGACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGACUC 2519:	25193
7982		6818	UGUACCOU GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG UGACUUCU 2519	25194
7984		6819	UGUGUACC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGACUU 2519	25195
7985		6820		25196
7995	UACACAAA G GGCGGUCC	6821	Ucceed Unueveua	25197
7996		6822	$\dagger$	25198
7999		6823	UCCGGGAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCUUUG	25199
8005		6824	UNCANGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGACCGC 25200	25200
8006		6825	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGACCG	25201
8011	CCGGACAU G AAGAGCCC	6826	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUCCGG	25202
8014	GACAUGAA G AGCCCCAA	6827	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUGUC	25203
8038		6828	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAACUUU	25204
8039	G AUG	6829	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUAACUU	25205
8042		6830	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAUAA	25206
8043	UAUGGAUG G AACAUUGU	6831	GGA GCCGIUDAGGC UCCCUUCAAGGA GCCGIUDAGGC UCCGGG CAUCCAUA	25207
8028	GUCACCAU G AAGAGUGG	6832	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGGUGAC	25208
8061	ACCAUGAA G AGUGGAGU	6833	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUGGU	25209
8065	G GAG	6834	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUCA	25210
8066	g AGU	6835	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCUUC	25211
8070		6836	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCACU	25212
8071	GUGGAGUG G AUGUGUUC	6837	GAACACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACUCCAC 2521.	25213
8084	GUUCUACA G ACCUUCUG	6838	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGUAGAAC	25214
8092	GACCUUCU G AGUGUUGU	6839	ACAACACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAGGUC 25215	25215
8101	G ACA	6840	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACACU	25216
8116	0	6841	UCCGAUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAAAGGA 25217	25217
8122	GUGACAUC G GAGAGUCC	6842	GGACUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAUGUCAC   25216	25218

7	つうつうせかせ り りつうせつせかつ	7,00	GCCGUUAGGC UCCGGG CGAUGUCA	
L	ACAUCGGA G AGUCCUCG	6844	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGAUGU	25220
8143	CAAGUGCU G AGGUUGAA	6845	gga gccguuaggc ucccuucaagga gccguuaggc uccggg agcacuug	25221
Ĺ	AGUGCUGA G GUUGAAGA	6846	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAGCACU	25222
8149	CUGAGGUU G AAGAGCAU	6847	UCCGGG AACCUCAG	25223
8152	AGGUUGAA G AGCAUAGG	6848	UUCAACCU	25224
L	AGAGCAUA G GACGAUUC	6849	accennages uccees naugencu	25225
8160	GAGCAUAG G ACGAUUCG	6850	UCCGGG CUAUGCUC	25226
L	CAUAGGAC G AUUCGGGU	6851	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUCCUAUG	25227
8168	GACGAUUC G GGUCCUUG	6852	GCCGUUAGGC UCCGGG GAAUCGUC	25228
_	ACGAUUCG G GUCCUUGA	6853	GCCGUUAGGC UCCGGG CGAAUCGU	25229
8176	GGGUCCUU G AAAUGGUU	6854	UCCGGG AAGGACCC	25230
8181	CUUGAAAU G GUUGAGGA	6855	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUUCAAG	25231
8185	AAAUGGUU G AGGACUGG	6856		25232
	AUGGUUGA G GACUGGCU	6857	UCCGGG UCAACCAU	25233
8188	UGGUUGAG G ACUGGCUG	6858	CUCAACCA	25234
_	UGAGGACU G GCUGCACC	6889	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUCCUCA	25235
8201	GCUGCACC G AGGGCCAA	0989	uccege eeugcaec	25236
8203	UGCACCGA G GGCCAAGG	6861	UCGGUGCA	25237
8204	GCACCGAG G GCCAAGGG	6862	CUCGGUGC	25238
L	AGGGCCAA G GGAAUUUU	6863	GCCGUUAGGC UCCGGG UUGGCCCU	25239
8211	GGGCCAAG G GAAUUUG	6864	GCCGUUAGGC UCCGGG CUUGGCCC	25240
8212	GGCCAAGG G AAUUUUGC	6865	GCCGUUAGGC UCCGGG CCUUGGCC	25241
L	UUUUGCGU G AAGGUGCU	9989	UCCGGG ACGCAAAA	25242
	UGCGUGAA G GUGCUCUG	6867	uccege uncaceca	25243
8247	UACAUGCC G AAAGUCAU	6868		25244
L	AG	6989		25245
L	GUCAUAGA G AAGAUGGA	6870	UCCGGG UCUAUGAC	25246
8262	AUAGAGAA G AUGGAGCU	6871	GCCGUUAGGC UCCGGG UUCUCUAU	25247
L	GAGAAGAU G GAGCUGCU	6872	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUCUC	25248
L	AGAAGAUG G AGCUGCUC	6873	GAGCAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCUUCU	25249
8282	CCAACGCC G GUAUGGGG	6874		25250
37	GCCGGUAU G GGGGGGGA	6875		25251
L	CCGGUAUG G GGGGGGAC	6876	GCCGUUAGGC UCCGGG CAUACCGG	25252
8289	CGGUAUGG G GGGGGACU	6877	GCCGUUAGGC UCCGGG CCAUACCG	25253
	GGUAUGGG G GGGGACUG	6878		25254
1	GUAUGGGG G GGGACUGG	6819	UCCGGG CCCCAUAC	25255
8292	UAUGGGGG G GGACUGGU	6880	1	25256
8293	AUGGGGG G GACUGGUC	6881	CCCCCAU	25257
8294	UGGGGGG G ACUGGUCA	6882	UGACCAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCCCCA	25258

ACUGGUCA G AAACCCAC ACUCUCACG G GAUUUCCA CUCUCACG G AAUUCCAC CCCACGCAC G AGAUGUAU ACGCACGA G AUGUAUUG GAUGUAUU G GGUGAGUC AUGUAUUG G GUGAGUCG UAUUGGGU G AGCUUCAG GGUGAGUC G AGCUUCAG GGCAAUGU G GCAAUGUG GGCAAUGU G ACCAUCCA CAUUCAGU G AACAAUUC CAUUCAGU G AACAAUUG GCCUAGGAA ACCAGCCA GGCAAUGU G AACAAUUG GCCUCCUAG G AACAAAAAG CCUAGGAAU G AAUGGAAA	6884 6885 6886 6887 6889 6890 6891	GUGGGUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGACCAGU UGGAAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAGAGU	25260
G GAAUUCCAC     G AGAUUCCAC     G AGAUGUAUU     G AUGAAGUCG     G GUGAAGUCG     G GCAAUGUG     G GCAAUGUG     G GCAAUGUG     G GAAUAUGAC     G AAUAUGAC     G AAUAAAAG     G GAAAAAAG     G GAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAG     G GAAAAAAAAAA	5885 5886 5887 6888 6899 6890	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGAGAGU	25261
G AAUUCCAC   G AGAUGUAU   G AGAUGUAU   G GGUGAGUC   G GGUGAGUC   G AGCUUCAG   G GCAAUGUG   G GUACAUUC   G AAUAUGAC   G AAUAUGAC   G AAUGGAAU   G GAAGAAUG   G AAUGGAAA   G GAAAAAAG   G GAAAAAAG   G GAAAAAAG   G GAAAAAAG   G GAAAAAAAG   G GAAAAAAAA	5886 5887 6888 6889 6890 6891		
G AGAUGUAU G AUGUAUUG G GGUGAGUCG G GUGAGUCG G AGCUUCAG G GCAAUGUG G GUACAUUC G AAUAUGAC G AAUAGAAUG G GAAGAAUG G GAAGAAUG	5887 6888 6889 6890	GUGGAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGUGAGAG	25262
G AUGUAUUG G GGUGAGUCG G AGCUUCAG G GCAAUGUG G GCAAUGUG G AUACAUUC G AUACAUUC G AUACAUUG G AAUAAAAG G GAAGAAUG	5888 6889 6890 6891	AUACAUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGCGUGG	25263
O GGUGAGUCO O GUGAGUCO O AGCUUCAO G GCAAUGUG G GUACAUUC G AAUAUGAC G AAUAUGAC G AAUAGAAUG G GAAGAAUG	6889 6890 6891	ນດອນອດອນ	25264
G GUGAGUCG   G AGCUCAG   G AGCUCAG   G GCAAUGUG   G GUACAUUC   G AUAUGAC   G AUACAUUC   G AUACAUUC   G AUACACC   G ACCAGCCA   G GUGCUCCU   G GAAGAAUG   G AAUGGAAA   G GAAAAAAG	5890 6891	GCCGUUAGGC UCCGGG AAUACAUC	25265
G AGCUUCAG G GCAAUGUG G GCAAUGUG G GUACAUUC G AAUAUGAC G ACCAGCCA G GUGCUCCU G GAAGAAUG G GAAGAAUG G AAUGGAAA	6891	CGACUCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAUACAU	25266
G AGCUUCAG G GCAAUGUG G GUACAUUC G AAUAUGAC G ACCAGCCA G GUGCUCCU G GAAGAAUG G AAUGGAAA G GAAAAAAG		GCUCGACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCCAAUA	25267
G GCAAUGUG G GUACAUUC G AAUAUGAC G ACCAGCCA G GUGCUCCU G GAAGAAUG G AAUGGAAA G GAAAAAAG	6892	CUBAAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACUCACC	25268
G GUACAUUC G AAUAUGAC G ACCAGCCA G GUGCUCCU G GAAGAAUG G AAUGGAAA G GAAAAAAG	6893	CACAUUGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGAAGCUC	25269
G AAUAUGAC G ACCAGCCA G GUGCUCCU G GAAGAAUG G AAUGGAAA G GAADAAAAG	6894	GAAUGUAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUUGCC	25270
G ACCAGCCA G GUGCUCCU G GAAGAAUG G AAGAAUGG G AAUGGAAA	6895	GUCAUAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUGAAUG	25271
G GUGCUCCU G GAAGAAUG G AAGAAUGG G AAUGGAAA	9689	UGGCUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUAUUCAC	25272
G GAAGAAUGG G AAGGAAUGG G AAUGGAAA	6897	AGGAGCAC GGA GCCGUVAGGC UCCCUUCAAGGA GCCGUVAGGC UCCGGG UGGCUGGU	25273
G AAGGAANGG G AAUGGAAA G GAAAAAAG	6898	CAUUCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGGAGCA	25274
G AAUGGAAA G GAAAAAAG	6899	CCAUNCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUAGGAGC	25275
-	0069	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUAGG	25276
	6901	CUUUUUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUCUUCC	25277
G AAAAAGG	6902	UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUUCUUC	25278
G GACCUGGA	6903	accounaged ucconneagea accounaged uccege ununucc	25279
G ACCUGGAA	6904	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUUUUUC	25280
G GAAGGGAC	9069	eccennage uccede ageuceuu	25281
3GGACC	9069	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGGUCCU	25282
-	6907	UGGGGUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCAGGU	25283
G GACCCCAA	8069	UNGGGGUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCCAGG	25284
CCAAU	6069	AUUGGGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUCCAG	25285
G AGGAAGAU	0169	GCCGUUAGGC UCCGGG GUAUUGGG	25286
	6911	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGUAUUG	25287
G AAGAUGUA	6912	UACAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCGUAUU	25288
G AUGUAAAC	6913	GUUUACAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCCUCGU	25289
G GGAAGUGG	6914	CCACTUCC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AAGUTUAC	25290
G GAAGUGGA	6915	UCCACUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUUUA	25291
BUGGAA	9169	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAAGUUU	25292
G GAACCAGG	6917	CCUGGUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUUCCCA	25293
G AACCAGGG	6918	cccudeuu gaa gccguuaggc ucccuucaagaa gccguuaggc uccggg cacuuccc	25294
ල ලෙදලලාලල	6169	CCACCGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGUUCCA	25295
ල ලෙලගලලල	6920	CCCACCGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGUUCC	25296
G GUGGGAAA	6921	UUUCCCAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCCCUGGU	25297
AGGGCGGU G GGAAAACC	6922	GENUTUCC GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG ACCGCCCU	25298

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AGUAGUGU
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UGAACACU
CACCUUCU
UCCACCUU
GUGUCCAC

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8769	GUGGACAC G AAAGCUCC	5969	GGAGCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GUGUCCAC	25341
8779	AAGCUCCU G AACCGCCA	9969	UGGCGGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGGAGCUU	25342
8788	AACCGCCA G AAGGAGUG	1969	CACUCCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGGUU	25343
8791	CGCCAGAA G GAGUGAAG	8969	CUUCACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGGCG	25344
8792	GCCAGAAG G AGUGAAGU	6969	ACUUCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUCUGGC	25345
8796	GAAGGAGU G AAGUACGU	6970	ACGUACUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCCUUC	25346
8812	UGCUCAAU G AGACCACC	6971	GOUGOUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGAGCA	25347
8814	CUCAAUGA G ACCACCAA	6972	UUGGUGGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUUGAG	25348
8825	CACCAACU G GUUGUGGG	6973	CCCACAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUUGGUG	25349
8831	cuaeunau e accauum	6974	AAAACGCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAACCAG	25350
8832	udanueua a acauuuuu	6975	AAAAACGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACAACCA	25351
8841	GCGUUUUU G GCCAGAGA	9269	UCUCUGGO GGA GCOGUUAGGO UCCCUUCAAGGA GCOGUUAGGO UCOGGG AAAAACGO	25352
8846	UUUGGCCA G AGAAAAC	6977	GUIUUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCCAAA	25353
8848	UGGCCAGA G AAAAACGU	6978	ACGUIUUU GGA GCCGUUAGGC UCCCUICAAGGA GCCGUUAGGC UCCGGG UCUGGCCA	25354
8861	ACGUCCCA G AAUGUGCU	6269	AGCACAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGACGU	25355
8873	GUGCUCUC G AGAGGAAU	0869	AUUCCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGAGCAC	25356
8875	GCUCUCGA G AGGAAUUC	6981	GAAUUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGAGAGC	25357
8877	UCUCGAGA G GAAUUCAU	6982	AUGAAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCGAGA	25358
8878	CUCGAGAG G AAUUCAUA	6983	UAUGAAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCGAG	25359
8888	AUUCAURA G ARAGGUCA	6984	UGACCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUAUGAAU	25360
8892	ŒÚ	6985	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25361
8913	всявсили в ввивссяи	9869	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25362
8914	CAGCUUUG G GUGCCAUG	6987	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25363
8926	CCAUGUUU G AAGAGCAG	8869	CUGCUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAACAUGG	25364
8929	UGUUUGAA G AGCAGAAU	6869		25365
8934	G AA	0669	GCCGUUAGGC UCCGGG	25366
8942	GAAUCAAU G GAGGAGCG	6991	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25367
8943	AAUCAAUG G AGGAGCGC	6992	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25368
8945	UCAAUGGA G GAGCGCCA	6993	accentrages ucceed	25369
8946	CAAUGGAG G AGCGCCAG	6994	CUGGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCCAUUG	25370
8954		6995	CUGCUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGCGCUC	25371
8956	GCGCCAGA G AAGCAGUU	9669	AACUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUGGCGC	25372
8962	AAGCAGUU G AAGAUCCA	2669	UGGAUCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUGCUU	25373
8968	ß	8669	accedunagec uccege	25374
8981	AAAAUUUU G GGAGAUGG	6669	CCAUCUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAAUUUU	25375
8982	AAAUUUUG G GAGAUGGU	7000	ACCAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAAAUUU	25376
8983	AAUUUUGG G AGAUGGUG	7001	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC	25377
8982	UUUUGGGA G AUGGUGGA	7002	UCCACCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCCAAAA	25378

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8868	0	7003	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25379
8991		7004	UCCUCAUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAUCUC	25380
8992		7005	CUCCUCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CACCAUCU	25381
8995	UGGUGGAU G AGGAGCGC	9002	GCGCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCACCA	25382
8997		7007	UCGCGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCAUCCAC	25383
8998	UGGAUGAG G AGCGCGAG	7008	CUCGCGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCAUCCA	25384
9004	AGGAGCGC G AGGCACAU	7009	AUGUGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCGCUCCU	25385
9006		7010	AGAUGUGC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG UCGCGCUC	25386
9017	ACAUCUGC G GGGGGAAU	7011	AUUCCCCC GGA GCCGUIAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCAGAUGU	25387
9018	CAUCUGCG G GGGGAAUG	7012	CAUUCCCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGCAGAUG	25388
9019	AUCUGCGG G GGGAAUGU	7013	ACAUUCCO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG CCGCAGAU	25389
9020	UCUGCGGG G GGAAUGUC	7014	GACAUUCC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCGCAGA	25390
9021	CUGCGGGG G GAAUGUCA	7015	UGACAUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCGCAG	25391
9022	UGCGGGGG G AAUGUCAC	7016	GUGACAUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCCCCGCA	25392
9048	UACAACAU G AUGGGAAA	7017	UNUCCCAU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUGUUGUA	25393
9051	AACAUGAU G GGAAAGAG	7018	CUCUUNICO GGA GOCGIUNAGGO UCOCUNCAAGGA GOCGUUAGGO UCOGGG AUCAUGUU	25394
9052	ACAUGAUG G GAAAGAGA	7019	UCUCUTUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCAUGU	25395
9053	CAUGAUGG G AAAGAGAG	7020	CUCUCUTU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAUCAUG	25396
9057	AUGGGAAA G AGAGAGAA	7021	uncucucu gaa acceuuaage ucccuucaaga ecceuuaage uccaga uuucccau	25397
9059	GGGAAAGA G AGAGAAAA	7022	UNINCUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUCCC	25398
1906	GAAAGAGA G AGAAAAA	7023	UUUUUUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUUUC	25399
9063		7024	GGUUUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUCUCUU	25400
9073		7025	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25401
9074	AAAACCCG G AGAGUUCG	7026	CGAACUCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGGGUUUU	25402
9076	AACCCGGA G AGUUCGGA	7027	UCCGAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCGGGUU	25403
9082	GAGAGUUC G GAAAGGCC	7028	GGCCUTUC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG GAACUCUC	25404
9083	AGAGUUCG G AAAGGCCA	7029	UGGCCUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAACUCU	25405
9087		7030	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25406
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9094	AGGCCAAG G GAAGCAGA	7032	UCUGCUUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUUGGCCU	25408
9095	GGCCAAGG G AAGCAGAG	7033	CUCUGCUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCUUGGCC	25409
9101		7034	UCCCUUCAAGGA	25410
9110		7035	ACAUGAAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAAUGGCU	25411
9119		7036	CUCCGAGC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUGAAC	25412
9124	UGUGGEUC G GAGEUCGE	7037	GCGAGCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAGCCACA	25413
9125		7038	AGCGAGCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CGAGCCAC	25414
9138	CGCUUUCU G GAGUUCGA	7039	UCGAACUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAAAGCG	25415
9139		7040	CUCGAACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAAAGC	25416
9145	G AGGC	7041	CAGAGCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GAACUCCA	25417
9147	GAGUUCGA G GCUCUGGG	7042	CCCAGAGC GGA GCCGUVAGGC UCCCTUCAAGGA GCCGUVAGGC UCCGGG UCGAACUC	25418

arcacoo o cococo	7043	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAGCCUC	25419
GUUUUCUC	7044	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAGAGCCU	25420
UUCUCAAU G AAGACCAC	7045	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUUGAGAA	25421
	7046	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUUGA	25422
AGACCACO O OCUUGGAA	7047	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGGUCU	25423
ACUGGCUU G GNAGAAG	7048	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25424
CUGGCUUG G AAGAAAGA	7049	GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUDAGGC UCCGGG CAAGCCAG	25425
G AACUCAGG	7051	GCCGINAGGC DCCCUDCAAGGA GCCGDDAGGC DCCGGG UUCCUUCC	25427
g gaggaggu	7052	ega ecceuuagec ucccuncaagga ecceuuagec uccege ugaguucu	25428
G AGGAGGUG	7053	CACCUCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGAGUUC	25429
G GAGGUGUC	7054	GACACCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUGAGU	25430
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CAGGAGGA G GUGUCGAG	7056	CUCGACAC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCCUCCUG	25432
GAGGUGUC G AGGGCUUG	7057	CAAGCCCU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GACACCUC	25433
ව ප	7058	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGACACC	25434
<b>G</b> GCL	1059	UCCGGG CUCGACAC	25435
	7060	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25436
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uccuaceu a Aaguugec	7064	ACGCAGGA	25440
	7065	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AACUUCAC	25441
	9904	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGUGCCA	25442
сссаесси в вваесяль	1067	AGGCCGGG	25443
ссвессив в вевсямея	7068	UCCGGG CAGGCCGG	25444
	4069	AUCUVIGCO GGA GCCGUVIAGGO VCCCVVCAAGGA GCCGVVAGGO VCCGGG CCAGGCCG	25445
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G AUC	7072	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCAUAGA	25448
G ACP	7073	AGCUGUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCAGCAU	25449
ರ ತರ	7074	GUCCCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG AGCUGUGU	25450
	7075	GGGUGUCC GGA GCCGUUAGGC UCCCTUCAAGGA GCCGUUAGGC UCCGGG AGCCAGCU	25451
есивасиа в высысссв	2006	CAGADANC AGA ACCANDAGAC UCCUNCAAGAA GCCGUNAGAC UCCAGA CAGCCAGC	25452
G ACI	7077	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CCAGCCAG	25453
Ø	2078	GUGAUGCG	25454
CAUCACGA G AGCUGACU	7079	AGUCAGEU GGA GCCGUUAGGE UCCCUUCAAGGA GCCGUUAGGE UCCGGG UCGUGAUG	25455
свававси в аспивваа	7080	UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCUCUCG	25456
	7081	AAGUCAGC	25457
CUGACUUG G AAAAUGAA	7082	UUCAUUUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAAGUCAG	25458

25459	25460	25461	25462	25463	25464	25465	25466	25467	25468	25469	25470	25471	25472	25473	25474	25475	25476	25477	25478	25479	25480	25481	25482	25483	25484	25485	25486	25487	25488	25489	25490	25491	25492	25493	25494	25495	25496	25497	25498
AUUUUCCA	UCCGGG UUAGCUUC	AAGCACCU	AAGCAGCU	AUCAAGCA	CAUCAAGC	CCAUCAAG	CCCAUCAA	GAUGUUCC	UGGCAAGA	CUGGCAAG	AAUGAUGG	ACAACUUU	ACTUTUCAC	GGGCGCAU	AGCAGCCG	AUCAGCAG	CAUCAGCA	UUCCAUCA	AUGACGGU	CAUGACGG	UGGAGAUA	UCUGGAGA	uncucuae	UGAUCUUC	UCUGAUCU	CUCUGAUC	CCUCUGAU	CCCUCUGA	ccccncna	ACUCCCCC	CACUCCC	AGGUUGGU	AGCUGGAC	ACCAGCUG	UCACCAGC	CUCACCAG	AUCCUCAC	AUCAUCCU	CAUCAUCC
UCCGGG	UCCGGG	UCCGGG	1	UCCGGG	UCCGGG	uccaag	<b>ಬ</b> ಂದಡಡಿ	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	ncceee	UCCGGG	UCCGGG	UCCGGG	nccege		വഠാദേദ	UCCGGG	೧೮୯୯	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG		
GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accennagec	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	accannaggc	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC	GCCGUUAGGC UCCGGG
UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	UCCCUUCAAGGA	исссиисаавва
GCCGUUAGGC 1		GCCGUUAGGC 1	accamaggc 1	GCCGUUAGGC 1	GCCGUUAGGC 1	accannagec t	GCCGUUAGGC 1	GCCGUUAGGC 1	accennagec 1	GCCGUUAGGC 1	GCCGUUAGGC 1	accaunaaac 1	GCCGUUAGGC 1	accannagac t	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	ı		accaumage 1	GCCGUUAGGC 1	GCCGUUAGGC (	GCCGUUAGGC 1	accennagec t	GCCGUUAGGC 1	acceunagec 1	GCCGUUAGGC 1		GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC L	GCCGUUAGGC L	GCCGUUAGGC 1
CUUAGCUU GGA	UCAAGCAC GGA	AAGCAGCU GGA	UUCCCCAU GGA	AUGUUCCC GGA	GAUGUUCC GGA	CGAUGUUC GGA	CCGAUGUU GGA	CAAGACGC GGA	UGAUGGCC GGA	AUGAUGGC GGA	GGUGAGCU GGA	AUCACUUU GGA	GGCCGCAU GGA	UCAGCAGC GGA	UCUUCCAU GGA	GGUUCUUC GGA	<b>යගොගයාග</b> යෙ <b>A</b>	UGACGGUU GGA	AUAACAUC GGA	GAUAACAU GGA	GAUCTUCU GGA	CUGAUCUU GGA	CCUCUGAU GGA	CUCCCCCU GGA	CACUCCCC GGA	CCACUCCC GGA	UCCACUCC GGA	GUCCACUC GGA	UGUCCACU GGA	AACUUGUC GGA	CAACUUGU GGA	UGGACGGC GGA	AUCCUCAC GGA	AUCAUCCU GGA	CCAUCAUC GGA	UCCAUCAU GGA	CCUUCCAU GGA	UCCCCUUC GGA	UUCCCCUU GGA
7083	7084	7085	7086	7087	7088	7089	0604	7091	7092	7093	7094	7095	9602	7607	7098	7099	7100	7101	7102	7103	7104	7105	7106	7107	7108	7109	7110	7111	7112	7113	7114	7115	7116	7117	7118	7119	7120	7121	7122
UGGAAAAU G AAGCUAAG	G G	G AG		ල ලල	GCUUGAUG G GGAACAUC	CUUGAUGG G GAACAUCG	G AA(	G GC	CA GGCCAUCA	ည	N G AGCUCACC	AAAGUUGU G AAAGUGAU	GUGAAAGU G AUGCGCCC	sc e ecuecuan	G AUC	IU G GAAGAACC	IG G AAGAACCG	UGAUGGAA G AACCGUCA	IU G GAUGUUAU	G AUC	G AG		A G AUCAGAGG	GAAGAUCA G AGGGGGAG	IA G GGGGAGUG	ල ලල	G GG	G GAC	G G AGUGGACA	eggegagu e gacaaguu	GGGGAGUG G ACAAGUUG	O		G AGO		G AUGAUGGA	GUGAGGAU G AUGGAAGG	AGGAUGAU G GAAGGGGA	GGAUGAUG G AAGGGGAA
UGGAAAA	GAAGCUAA	AGGUGCUU	MGCUGCUU	UGCUUGAU	GCUUGAL	CUUGAUC	UUGAUGGG	GGAACAUC	voosaa	CUUGCCAG	CCAUCAUU	PAPAGUUG	GUGAAAG	PUBCBCCC 6 BCI	ດວອດວອອວ	CUGCUGAU	UGCUGAUG	UGAUGGA	ACCGUCAU G GAI	CCGUCAUG	UAUCUCCA	UCUCCAGA	CCAGAGAA	GAAGAUC	AGAUCAGA G GGC	GAUCAGA	AUCAGAGG	UCAGAGGG	CAGAGGGG G AGU	GGGGGAG	GGGGAGU	ACCAACCU G GC	GUCCAGCU	CAGCUGGU	GCUGGUGA	CUGGUGAG	GUGAGGA	AGGAUGA	GGAUGAU
9334	9342	9349	9328	9361	9362	9363	9364	9371	9383	9384	9394	9420	9426	9435	9442	9445	9446	9449	9459	9460	9473	9475	9478	9483	9485	9486	9487	9488	9489	9493	9494	9534	9546	9549	9551	9552	9555	9558	9559

25499	25500	25501	25502	25503	25504	25505	25506	25507	25508	25509	25510	25511	25512	25513	25514	25515	25516	25517	25518	25519	25520	25521	25522	25523	25524	25525	25526	25527	25528		25530	25531	25532	25533	25534	25535	25536	25537
GCCGIIIAGGC UCCGGG UUCCAUCA		GCCGUUAGGC UCCGGG CCUUCCAU	GCCGUUAGGC UCCGGG CCCUUCCA	accountage uccase unccenu	GCCGUUAGGC UCCGGG CUUCCCCU	GCCGUUAGGC UCCGGG ACUCCUUC	GCCGUUAGGC UCCGGG AAUCACUC	GCCGUUAGGC UCCGGG UGGGCCAA	GCCGUUAGGC UCCGGG AUCUGGGC	GCCGUUAGGC UCCGGG ACAUCAUC	GCCGUUAGGC UCCGGG CACAUCAU	accounage uccage uccacauc	GCCGUUAGGC UCCGGG UUUGUGA	accennage uccage cumuana	eccennage occess commen	accennage uccege uniccoun	accennage uccess counceeu	GCCGUUAGGC UCCGGG UGACUUUG	GCCGUUAGGC UCCGGG CUGACUUU	GCCGUUAGGC UCCGGG AGGUCCUG	GCCGUUAGGC UCCGGG AAACAGCC	GCCGUUAGGC UCCGGG UCAAACAG	GCCGUUAGGC UCCGGG AUUCUCAA	accennage uccaga cauncuca	GCCGUUAGGC UCCGGG CCAUUCUC			eccennagec ucceed unucunce	accevinages uccese Augegeen	GCCGUUAGGC UCCGGG ACUGACAG	UCCGGG	GCCGUUAGGC UCCGGG UCCACUGA	accennagge uccage aucuccac	GCCGUUAGGC UCCGGG ACACAGUC	accennage uccess assesson	вссвиимавс иссава смававси	eccennagge uccege euccagge	accenuage uccege unugacau
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uccuncec gga geegunagge	668 688	ACUCCUUC GGA GCCGUUAGGC	CACUCCUU GGA GCCGUUAGGC	AAUCACUC GGA GCCGUUAGGC	CAAUCACU GGA GCCGUUAGGC	GGCCAAU GGA GCCGUUAGGC	AUCUGGGC GGA GCCGUUAGGC	CACAUCAU GGA GCCGUUAGGC	CUCCACAU GGA GCCGUUAGGC	AGUUUCUC GGA GCCGUUAGGC	GAGUUUCU GGA GCCGUUAGGC	GUGAGUUU GGA GCCGUUAGGC	UCCUUUCC GGA GCCGUUAGGC	GUCCUUUC GGA GCCGUUAGGC	GOUCCUUU GGA GCCGUUAGGC	UNUGGGUC GGA GCCGUUAGGC	CUUUGGGU GGA GCCGUUAGGC	GCCAGGUC GGA GCCGUUAGGC	AGCCAGGU GGA GCCGUUAGGC	CAAACAGC GGA GCCGUUAGGC	CCCAUUCU GGA GCCGUUAGGC	UCCCCAUU GGA GCCGUUAGGC	UUCUUCCC GGA GCCGUUAGGC	UUUCUUCC GGA GCCGUUAGGC	CUUUCUUC GGA GCCGUUAGGC	ucunicun gan accanunage	GAGUCUUU GGA GCCGUUAGGC	весполен вел вссепилеес	CUGACAGC GGA GCCGUUAGGC	GUCAUCUC GGA GCCGUUAGGC	AGUCAUCU GGA GCCGUUAGGC	ACAGUCAU GGA GCCGUUAGGC	CACACAGU GGA GCCGUUAGGC	GGCUUUAC GGA GCCGUUAGGC	CGAUCGUC GGA GCCGUUAGGC	GCGAUCGU GGA GCCGUUAGGC	AAAGCGAU GGA GCCGUUAGGC	しかけないはないしか なけか しななかしかい
7123	7124	7125	7126	7127	7128	7129	7130	7131	7132	7133	7134	7135	7136	7137	7138	7139	7140	7141	7142	7143	7144	7145	7146	7147	7148	7149	7150	7151	7152	7153	7154	7155	7156	7157	7158	7159	7160	7161
UGAUGGAA G GGGAAGGA		AUGGAAGG G GAAGGAGU		AAGGGGAA G GAGUGAUU	AGGGGAAG G AGUGAUUG	GAAGGAGU G AUUGGCCC	GAGUGAUU G GCCCAGAU	UUGGCCCA G AUGAUGUG		GAUGAUGU G GAGAAACU	AUGAUGUG G AGAAACUC	GAUGUGGA G AAACUCAC	UCACAAAA G GGAAAGGA	CACAAAAG G GAAAGGAC	ACABAAGG G AAAGGACC	AAGGGAAA G GACCCAAA		CAAAGUCA G GACCUGGC	AAAGUCAG G ACCUGGCU	CAGGACCU G GCUGUUUG	GGCUGUUU G AGAAUGGG	CUGUUUGA G AAUGGGGA	UUGAGAAU G GGGAAGAA	UGAGAAUG G GGAAGAAA	GAGBAUGO G GAAGBAAG	AGAAUGGG G AAGAAAGA			ල ලදුරු			UCAGUGGA G AUGACUGU	видемами в мсививив	GACUGUGU G GUAAAGCC	AAGCCCCU G GACGAUCG	AGCCCCUG G ACGAUCGC	CCCUGGAC G AUCGCUUU	AUGUCAAA G GUUCGCAA
9562	9563	9564	9565	9568	9569	9573	9577	9583	9586	9591	9592	9594	2096	9096	6096	9613	9614	9626	9627	9632	9640	9642	9646	9647	9648	9649	9652	9626	6996	9679	9680	9682	9685	9693	9705	9026	9709	9753

ACAUCCAA G AGUGGAAA		7163	UNUCCACU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUGGAUGU
CCAAGAGU G GAAACCGU 7164 ACGGUUUC	L	ACGGUUUC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACUCUUGG
CGUC 7165 GACGGUUU	GACGGUUU		UCCGGG CACUCUUG
G GAUGGUAU 7166 AUACCAUC	AUACCAUC		
G AUGGUAUG 7167	_	CAUACCAU	GGA GCCGUDAGGC UCCCUUCAAGGA
-	-	AAUCAUAC	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCAGUU
	-	COGCCAAD	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUACCAUC 25545
G GUUCCAUU 7171		AAUGGAAC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCUGCCA
AUUUCACU G AAUUGAUC 7172 GAUCAAUU	L	GAUCAAUI	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGUGAAAU
G AUCAUGAA 7173		UUCAUGA	GGA
G AAAGAUGG 7174		CCAUCUD	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
G AUGGAAGA 7175		UCUUCCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUCAUGA
GENERAGIO G GARGACA 7176 UGUUCUUC	1	nenncan	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCUUUCA
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AGAACACU G GUGGUUCC 7179 GGAACCAC		GGAACCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCAGG UUCCAUCU 25554
ACACUGGU G GUUCCAUG 7180 CAUGGAAC	L	CAUGGAA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACCAGUGU
	L	CCUGUCCI	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCAUGGA
G GACAGGAU 7182		AUCCUGU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
G ACAGGAUG 7183		າອດວວດຮວ	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
G GAUGRAUU 7184		AAUUCAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
G AUGAAUUG 7185		CAAUUCA	GGA GCCGUUAGGC UCCCUUCAAGGA
G AAUUGGUA 7186	$\downarrow$	UACCAAU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AUCCUGUC
G GUAGGCAG 7187	4	CUGCCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AAUUCAUC
G GCAGAGCU 7188	4	AGCUCU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACCAAUU
G AGCUCGCA 7189	4	UGCGAG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGCCUACC
G GGCCGGA 7190	4	UCCGGC	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGAGAUA
G GCCGGAU 7191	1	AUCCGG	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUGGAGAU
G GCCGGAUG 7192		CAUCCG	GGA GCCGUUAGGC UCCCTUCAAGGA GCCGTUAGGC UCCGGG CCUGGAGA
7193		GUUCCAL	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCCCCUG
7194		CGUUCCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC
G GAACGUCC 7195		GGACGUU	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG
G AACGUCCG		CGGACGU	U GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CAUCCGGC 25572
g ACACUGCU		AGCAGUG	GGA
AGUC 7198	Щ	GACUUAG	C GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGACAAGC 25574
7199		AGCCAC	AU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UGGGCAUA 25575
CUUC 7200		GAAGCA	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACAUCUGG
7201		GGUCUCI	GCCGUUAGGC UCCCUUCAAGGA
CCACAGAA G AGACCUGC 7202 GCAGGUCU GGA	4	GCAGGUC	JU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCUGUGG 25578

25579	25580	25581	25582	25583	25584	25585	25586	25587	25588	25589	25590	25591	25592	25593	25594	25595	25596	25597	25598	25599	25600	25601	25602	25603	25604	25605	25606	25607	25608	25609	25610	25611	25612	25613	25614	25615	25616	25617	25618
ucuucuau	GCAGGUCU	AUGAGCCG	ACAGGGAC	AAUUCACA	CAAUUCAC	GGUAGGGA	CGGUAGGG	UUCCGGUA	Acguaguu	UGCAUGGA	CUGCAUGG	UCCUGCAU	CUCCUGCA	വഠവാവദ	ACUCUCCU	CACUCUCC		UGUUGUCA	ucuennan	cucuanua				AGACCUCC	CAGACCUC	AAACACGG				CUCUAUCC	UCCUCUAU			CAUTICAUT		CAUCCAUU	UUCCAUCC	ACUGGGGU	CACTIGGGG
UCCGGG		UCCGGG	ຄອອວວດ	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	UCCGGG	വഠദേദദ	ncceed	വഠവദേദ	ರಾಲಾಗ			UCCGGG	UCCGGG		UCCGGG			UCCGGG			ucceae				- 1	. 1	UCCGGG	ຄວອອວວດ		UCCGGG	1			. 1	1100000
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CCGCAGGU GGA		acenuage aga	ACCCAAUU GGA	UAGGGACC GGA	GUAGGGAC GGA	GGUUCUUC GGA	UGGUUCUU GGA	ACGUGGUU GGA	GGAUGGAC GGA	CUCUCCUC GGA	ACUCUCCU GGA	CCACUCUC GGA	UCCACUCU GGA	CAUCCACU GGA	UUGUCAUC GGA	GUUGUCAU GGA	ucueuugu ggA	CAUGUCCU GGA	AACAUGUC GGA	CAACAUGU GGA	CAGACCUC GGA	CCAGACCU GGA	UUCCAGAC GGA	CACGGUUC GGA	ACACGGUU GGA	CCUCUAUC GGA	UCCUCUAU GGA	AUTOCOCCO GGA	UCAUUCUC GGA	UUCAUUCU GGA	CAUUCAUU GGA	CAUCCAUU GGA	COUCCAUC GGA	UCUUCCAU GGA	UVGUCUUC GGA	UUUGUCUU GGA	GGUUUUGU GGA	CAUTUCUC GGA	
7203	7204	7205	7206	7207	7208	7209	7210	7211	7212	7213	7214	7215	7216	7217	7218	7219	7220	7221	7222	7223	7224	7225	7226	7227	7228	7229	7230	7231	7232	7233	7234	7235	7236	7237	7238	7239	7240	7241	2,50
ACAGBAGA G ACCUGGGG	AGACCUGC G GCUCAUGG	CGGCUCAU G GCCAACGC	G AA	5	S GU	UCCCUACC G GAAGAACC	CCCUACCG G AAGAACCA	UACCGGAA G AACCACGU	AACCACGU G GUCCAUCC	0	,	AUGCAGGA G GAGAGUGG	UGCAGGAG G AGAGUGGA	CAGGAGGA G AGUGGAUG	AGGAGAGU G GAUGACAA	GGAGAGUG G AUGACAAC	GAGUGGAU G ACAACAGA	UGACAACA G AGGACAUG	ACAACAGA G GACAUGUU	CAACAGAG G ACAUGUUG	GACAUGUU G GAGGUCUG	ACAUGUUG G AGGUCUGG	AUGUUGGA G GUCUGGAA	GOAGGUCU G GAACCGUG	GAGGUCUG G AACCGUGU	cceueuuu e eauagage	CGUGUUUG G AUAGAGGA	UUUGGAUA G AGGAGAAU	UGGAUAGA G GAGAAUGA	GGAUAGAG G AGAAUGAA	AUAGAGGA G AAUGAAUG	AGGAGAAU G AAUGGAUG	GAAUGAAU G GAUGGAAG	AAUGAAUG G AUGGAAGA	GAAUGGAU G GAAGACAA	AAUGGAUG G AAGACAAA	GGAUGGAA G ACAAAACC	ACCCCAGU G GAGAAAUG	בייייייייייייייייייייייייייייייייייייי
10006	10013	10020	10050	10055	10056	10066	10067	10070	10079	10093	10094	10096	10097	10099	10103	10104	10107	10114	10116	10117	10125	10126	10128	10133	10134	10145	10146	10150	10152	10153	10155	10159	10163	10164	10167	10168	10171	10185	20.0

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	7250	gga gecguuagge uccuneaagga gecguuagge uccggg ucguuuc
	7251	gga gecguuagge ueceuucaagga geeguuagge ueeggg ueueguuu
	7252	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG CUCUCGUU
	7253	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGAUGUCC
	7254	UCCCUUCAAGGA GCCGUUAGGC UCCGGG ACACCAGA
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1	7257	accennagec ucceed uneugeca
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	7264	accennagg uccaga ugacuugg
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1_	7269	UCCGGG UCAUCUCC
┺	7270	accentrage uccege acatactu
┞	7271	GCCGUUAGGC UCCGGG CACAUACU
⊬	7272	UCCGGG AUGUAAUC
╀	7273	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUUAGUGA
╄	7274	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCUUUAGU
╀	7275	AUAUCUCU
ــــ	7276	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UUCAUAUC
╀╌	7277	GCCGUUAGGC UCCGGG AAAGUUGU
╁╴	7278	UCCGGG AACCAAAG
╁╴	7279	UCCGGG UCAACCAA
┢	7280	GCCGUUAGGC UCCGGG CUCAACCA
-	7281	UCCCUUCAAGGA GCCGUUAGGC UCCGGG UACAGUAC
H	7282	UAUAUUGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUUUACA   25658

AAAAUUUU GGA GCCGUUAGGC UCCCUUCAAGGA
- 1
GACUUUCU GGA
UUCCCGGC GGA
GAACUUCC GGA
AGCACCGU GGA
GGCAGCAC GGA
GGUUGAGU GGA
CAGUCCUC GGA
CCAGUCCU GGA
ACCCAGUC GGA
ACCCAGUC GGA
CACCCAGU GGA
UGUUCACC GGA
UUGUUCAC GGA
ACAUGGAU GGA
AGACGGUU GGA
ccuccuuc gaa
uccuccuu gga
egguccuc gga
aggoocco gaa
GUGGGGUC GGA
UGUGGGGU GGA
AGCGUGGU GGA
UAGCACGC GGA
GCACUCUC GGA
UGCACUCU GGA
ACUGCACU GGA
GGCACUAU GGA
CAGUCCUC GGA

UGCC	UGCCCCAG G AGGACUGG	7322	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25698
	needun	7323	GGA GCCGUUAGGC UCCCUUCAAGGA	25700
GGAGGACU G GGUUAACA	JUAACA	7324	- 1	25701
THEACTAR G GCAAACCA	ACC'S ACC'S	7326	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25702
g G	CCUAGC	7327	₩ ₩	25703
CUAGCCCC G GUA	AAUGGU	7328	ACCAUDAC GGA GCCGUDAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGGCUAG	25704
CCGGUAAU G GUGUUAAC	TURAC	7329	UCCGGG	25705
GUUAACCA G GGC	CGAAAG	7330	UCCGGG	25706
UVAACCAG G GCGAAAGG	AAAGG	7331	GCCGUUAGGC UCCGGG	25707
ACCAGGGC G AAA	AAAGGACU	7332	accounagec ucccuncaagea eccenuagec uccego	25708
5	CUAGAG	7333	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25709
GGCGAAAG G ACU	UAGAGG	7334	UCCGGG	25710
AAGGACUA G AGGUUAGA	UUAGA	7335		25711
GGACUAGA G GUU	UAGAGG	7336	1	25712
AGAGGUUA G AGC	GAGACC	7337	c ucccuucaagga gecguuagge uceggg	25713
AGGUUAGA G GAC	G GAGACCCC	7338	GCCGUUAGGC UCCGGG	25714
GGUUAGAG G AGI	ACCCCG	7339	GCCGUUAGGC UCCGGG	25715
UUAGAGGA G ACC	ರಾಧ್ಯಾದ	7340	GCCGUUAGGC UCCGGG	25716
GACCCCGC G GUUUAAAG	UNAAAG	7341	GCCGUUAGGC UCCGGG	25717
AAGUGCAC G GCCCAGCC	CAGCC	7342	UCCGGG	25718
CCCAGCCU G AC	G ACUGAAGC	7343	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25719
accudacu a AA	G AAGCUGUA	7344	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25720
ദ വേ	CAGGGG	7345	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25721
GUAGGUCA G GG	GGGAAGGA	7346	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25722
UAGGUCAG G GG	GGAAGGAC	7347	GCCGUUAGGC UCCGGG	25723
AGGUCAGG G GAAGGACU	AGGACU	7348	GCCGUUAGGC UCCGGG	25724
	GGACUA	7349	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25725
CAGGGGAA G GA(	CUAGAG	7350	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	97/57
AGGGGAAG G ACUAGAGG	UAGAGG	7351	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	17/57
AAGGACUA G AGGUUAGU	GUUAGU	7352	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	82/52
GGACUAGA G GU	UAGUGG	7353	GCCGUUAGGC UCCGGG	25729
AGGUUAGU G GA	G GAGACCCC	7354	UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25730
1	G AGACCCCG	7355	GCCGUUAGGC UCCGGG	25731
UVAGUGGA G AC	G ACCCCGUG	7356	UCCGGG	25732
AGCAUAUU G ACACCUGG	ACCUGG	7357	- 1	25733
UGACACCU G GGAUAGAC	AUAGAC	7358	GCCGUUAGGC UCCGGG	
GACACCUG G GAUAGACU	NUAGACU	7359	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25735
ACACCUGG G AUAGACUA	AGACUA	7360	GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG	25736
CUGGGAUA G AC	G ACUAGGAG	7361	CUCCUAGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAUCCCAG	25737

Table VII

25738	25739	25740	25741	25742	25743	25744	25745	25746	25747	25748
 AAGAUCUC GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UAGUCUAU	JCCGGG CUAGUCUA	occess occursoc	uccese evandecu	ACCAUNGU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG GGCGCACU	uccege Auuguceg	CCACCAGO GGA GCCGUUAGGO UCCCUUCAAGGA GCCGUUAGGO UCCGGG ACCAUUGU	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG AGCCACCA	JCCGGG ACCAGCCA	UCCCUUCAAGGA GCCGUUAGGC UCCGGG GCACCACC	CCUGUGUU GGA GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC UCCGGG UCGCACCA
GCCGUUAGGC U	accannagge u	GCCGUUAGGC L	3CCGUUAGGC	GCCGUUAGGC L	GCCGUUAGGC L	accannagac t	GCCGUUAGGC L	GCCGUUAGGC 1	GCCGUUAGGC 1	GCCGUUAGGC 1
CCCUUCAAGGA	accounages uccouncaagea eccounages u	GCCGUUAGGC UCCCUUCAAGGA GCCGUUAGGC U	CACUGUGC GGA GCCGUUAGGC UCCCUUCAAGGA	JCCCUUCAAGGA	UCCCUUCAAGGA GCCGUUAGGC 1	CCCUUCAAGGA	JCCCUUCAAGGA	accentrage occourcaagea	CCCUUCAAGGA	JCCCUUCAAGGA
accennagec r	accavinagec t	GCCGUUAGGC U	GCCGUUAGGC L	GCCGUUAGGC L	<b>3CCGUUAGGC</b>	GCCGUUAGGC L	GCCGUUAGGC L	GCCGUUAGGC L	acceuvagec 1	GCCGUUAGGC L
GAUCTIC GGA	GAAGAUCU GGA	CAGAAGAU GGA	cueuge ggA	CAUUGU GGA	CCAGCCAC GGA	ACCAGC GGA	GCACCAC GGA	JCUCGCAC GGA	JGUGUUCU GGA	UGUGUU GGA
7362 AA	7363 GA	7364 CA	7365 CA	7366 AC	7367 CC	7368 CC	7369 CG	7370 UC	7371 UG	7372 CC
JCCOC	CUUC	JCUG	AGUG	UGGU	999	3000	9355	BAGA	GAGA	AGG
AUAGACUA G GAGAI	UAGACUAG G AGAU	GACUAGGA G AUCUT	AGCCACAC G GCAC	AGUGCGCC G ACAA	CCGACAAU G GUGGG	ACAAUGGU G GCUG	ugauagau a guaga	ugacuagu a augco	GGUGGUGC G AGAA	UGGUGCGA G AACAC
AUAGAC	UAGACU	GACUAG	AGCCAC	AGUGCG	CCGACA	ACAAUG	negnage	naacna	GGUGGU	Dedugo
10949	10950	10952	10981	10994	11000	11003	11007	11010	11015	11017

Input Sequence = AF196835. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCC CU UCAAGGACAUCGUCCGGGAF196835 West Nile virus strain NY99-flamingo382-99, complete genome

WO 02/068637 PCT/US01/48350

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Table VIII

Table VIII: WNV minus strand Hammerhead Ribozyme and Target Sequence

Pos	Pos	Substrate	Seg ID	Ribozyme	Rz Seg
	(+str		] ]	-	ID
L	)				
12	11018	UCCUGUGU U CUCGCACC	7373	GGUGCGAG CUGAUGAG GCCGUUAGGC CGAA ACACAGGA	25749
13	11017	CCUGUGUU C UCGCACCA	7374	UGGUGCGA CUGAUGAG GCCGUUAGGC CGAA AACACAGG	25750
15	11015	UGUGUUCU C GCACCACC	7375	GGUGGUGC CUGAUGAG GCCGUUAGGC CGAA AGAACACA	25751
33	10997	GCCACCAU U GUCGGCGC	7376	GCGCCGAC CUGAUGAG GCCGUUAGGC CGAA AUGGUGGC	25752
36	10994	ACCAUUGU C GGCGCACU	7377	AGUGCGCC CUGAUGAG GCCGUUAGGC CGAA ACAAUGGU	25753
61	10969	UGGCUGGU U GUGCAGAG	7378	CUCUGCAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA	25754
78	10952	CAGAAGAU C UCCUAGUC	7379	GACUAGGA CUGAUGAG GCCGUUAGGC CGAA AUCUUCUG	25755
80	10950	GAAGAUCU C CUAGUCUA	7380	UAGACUAG CUGAUGAG GCCGUUAGGC CGAA AGAUCUUC	25756
83	10947	GAUCUCCU A GUCUAUCC	7381	GGAUAGAC CUGAUGAG GCCGUUAGGC CGAA AGGAGAUC	25757
86	10944	CUCCUAGU C UAUCCCAG	7382	CUGGGAUA CUGAUGAG GCCGUUAGGC CGAA ACUAGGAG	25758
88	10942	CCUAGUCU A UCCCAGGU	7383	ACCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACUAGG	25759
90	10940	UAGUCUAU C CCAGGUGU	7384	ACACCUGG CUGAUGAG GCCGUUAGGC CGAA AUAGACUA	25760
99	10931	CCAGGUGU C AAUAUGCU	7385	AGCAUAUU CUGAUGAG GCCGUUAGGC CGAA ACACCUGG	25761
103	10927	GUGUCAAU A UGCUGUUU	7386	AAACAGCA CUGAUGAG GCCGUUAGGC CGAA AUUGACAC	25762
110	10920	UAUGCUGU U UUGUUGUG	7387	CACAACAA CUGAUGAG GCCGUUAGGC CGAA ACAGCAUA	25763
111	10919	AUGCUGUU U UGUUGUGG	7388	CCACAACA CUGAUGAG GCCGUUAGGC CGAA AACAGCAU	25764
112	10918	NGCNGNAN A GANGAGA	7389	ACCACAAC CUGAUGAG GCCGUUAGGC CGAA AAACAGCA	25765
115	10915	บิบบบบบิบ บ GUGGUGUU	7390	AACACCAC CUGAUGAG GCCGUUAGGC CGAA ACAAAACA	25766
123	10907	UGUGGUGU U UUGUGGCA	7391	UGCCACAA CUGAUGAG GCCGUUAGGC CGAA ACACCACA	25767
124	10906	GUGGUGUU U UGUGGCAC	7392	GUGCCACA CUGAUGAG GCCGUUAGGC CGAA AACACCAC	25768
125	10905	UGGUGUUU U GUGGCACG	7393	CGUGCCAC CUGAUGAG GCCGUUAGGC CGAA AAACACCA	25769
138	10892	CACGGGGU C UCCACUAA	7394	UUAGUGGA CUGAUGAG GCCGUUAGGC CGAA ACCCCGUG	25770
140	10890	CGGGGUCU C CACUAACC	7395	GGUUAGUG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG	25771
145	10885	UCUCCACU A ACCUCUAG	7396	CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGUGGAGA	25772
150	10880	ACUAACCU C UAGUCCUU	7397	AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGU	25773
152	10878	UAACCUCU A GUCCUUCC	7398	GGAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	25774
155	10875	CCUCUAGU C CUUCCCCU	7399	AGGGGAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG	25775
158	10872	CUAGUCCU U CCCCUGAC	7400	GUCAGGGG CUGAUGAG GCCGUUAGGC CGAA AGGACUAG	25776
159	10871	UAGUCCUU C CCCUGACC	7401	GGUCAGGG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA	25777
169	10861	CCUGACCU A CAGCUUCA	7402	UGAAGCUG CUGAUGAG GCCGUUAGGC CGAA AGGUCAGG	25778
175	10855	CUACAGCU U CAGUCAGG	7403	CCUGACUG CUGAUGAG GCCGUUAGGC CGAA AGCUGUAG	25779
176	10854	UACAGCUU C AGUCAGGC	7404	GCCUGACU CUGAUGAG GCCGUUAGGC CGAA AAGCUGUA	25780
180	10850	GCUUCAGU C AGGCUGGG	7405	CCCAGCCU CUGAUGAG GCCGUUAGGC CGAA ACUGAAGC	25781
198	10832	CGUGCACU U UAAACCGC	7406	GCGGUUUA CUGAUGAG GCCGUUAGGC CGAA AGUGCACG	25782
199	10831	GUGCACUU U AAACCGCG	7407	CGCGGUUU CUGAUGAG GCCGUUAGGC CGAA AAGUGCAC	25783
200	10830	UGCACUUU A AACCGCGG	7408	CCGCGGUU CUGAUGAG GCCGUUAGGC CGAA AAAGUGCA	25784
212	10818	CGCGGGGU C UCCUCUAA	7409	UUAGAGGA CUGAUGAG GCCGUUAGGC CGAA ACCCCGCG	25785
214	10816	CGGGGUCU C CUCUAACC	7410	GGUUAGAG CUGAUGAG GCCGUUAGGC CGAA AGACCCCG	25786
217	10813	GGUCUCCU C UAACCUCU	7411	AGAGGUUA CUGAUGAG GCCGUUAGGC CGAA AGGAGACC	25787
219	10811	UCUCCUCU A ACCUCUAG	7412	CUAGAGGU CUGAUGAG GCCGUUAGGC CGAA AGAGGAGA	25788
224	10806	UCUAACCU C UAGUCCUU	7413	AAGGACUA CUGAUGAG GCCGUUAGGC CGAA AGGUUAGA	25789
226	10804	UAACCUCU A GUCCUUUC	7414	GAAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	25790
229	10801	CCUCUAGU C CUUUCGCC	7415	GGCGAAAG CUGAUGAG GCCGUUAGGC CGAA ACUAGAGG	25791
232	10798	CUAGUCCU U UCGCCCUG	7416	CAGGGCGA CUGAUGAG GCCGUUAGGC CGAA AGGACUAG	25792
233	10797	UAGUCCUU U CGCCCUGG	7417	CCAGGGCG CUGAUGAG GCCGUUAGGC CGAA AAGGACUA	25793
234	10796	AGUCCUUU C GCCCUGGU	7418	ACCAGGGC CUGAUGAG GCCGUUAGGC CGAA AAAGGACU	25794
243	10787	GCCCUGGU U AACACCAU	7419	AUGGUGUU CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC	25795
244	10786	CCCUGGUU A ACACCAUU	7420	AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA AACCAGGG	25796
252	10778	AACACCAU U ACCGGGGC	7421	GCCCCGGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGUU	25797
253	10777	ACACCAUU A CCGGGGCU	7422	AGCCCCGG CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU	25798
262	10768	CCGGGGCU A GGGCCGCG	7423	CGCGGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCCCGG	25799
279	10751	UGGGGCGU U GGUUUGCC	7424	GGCAAACC CUGAUGAG GCCGUUAGGC CGAA ACGCCCCA	25800
283	10747	GCGUUGGU U UGCCUUUG	7425	CAAAGGCA CUGAUGAG GCCGUUAGGC CGAA ACCAACGC	25801
284	10746	CGUUGGUU U GCCUUUGU	7426	ACAAAGGC CUGAUGAG GCCGUUAGGC CGAA AACCAACG	25802
289	10741	GUUUGCCU U UGUUAACC	7427	GGUUAACA CUGAUGAG GCCGUUAGGC CGAA AGGCAAAC	25803
290	10740	UUUGCCUU U GUUAACCC	7428	GGGUUAAC CUGAUGAG GCCGUUAGGC CGAA AAGGCAAA	25804
293	10737	GCCUUUGU U AACCCAGU	7429	ACUGGGUU CUGAUGAG GCCGUUAGGC CGAA ACAAAGGC	25805
للتنسا	لنتنت			TOO COMPANY OF CONTRACTOR	23303

	W O 02	7000037	Tabl	e VIII	
294	10736	CCUUUGUU A ACCCAGUC	7430	GACUGGGU CUGAUGAG GCCGUUAGGC CGAA AACAAAGG	25806
				CCCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGGUU	25807
302	10728	AACCCAGU C CUCCUGGG	7431		
305	10725	CCAGUCCU C CUGGGGCA	7432	UGCCCCAG CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	25808
316	10714	GGGGCACU A UCGCAGAC	7433	GUCUGCGA CUGAUGAG GCCGUUAGGC CGAA AGUGCCCC	25809
318	10712	GGCACUAU C GCAGACUG	7434	CAGUCUGC CUGAUGAG GCCGUUAGGC CGAA AUAGUGCC	25810
331	10699	ACUGCACU C UCCGCAGA	7435	UCUGCGGA CUGAUGAG GCCGUUAGGC CGAA AGUGCAGU	25811
333	10697	UGCACUCU C CGCAGAGU	7436	ACUCUGCG CUGAUGAG GCCGUUAGGC CGAA AGAGUGCA	25812
342	10688	CGCAGAGU A GCACGCCG	7437	CGGCGUGC CUGAUGAG GCCGUUAGGC CGAA ACUCUGCG	25813
352	10678	CACGCCGU A GCGUGGUC	7438	GACCACGC CUGAUGAG GCCGUUAGGC CGAA ACGGCGUG	25814
360	10670	AGCGUGGU C UGACAUUG	7439	CAAUGUCA CUGAUGAG GCCGUUAGGC CGAA ACCACGCU	25815
367	10663	UCUGAÇAU U GGGCUUUG	7440	CAAAGCCC CUGAUGAG GCCGUUAGGC CGAA AUGUCAGA	25816
373	10657	AUUGGGCU U UGAAGUUA	7441	UAACUUCA CUGAUGAG GCCGUUAGGC CGAA AGCCCAAU	25817
	<del>  </del>			GUAACUUC CUGAUGAG GCCGUUAGGC CGAA AAGCCCAA	25818
374	10656	UUGGGCUU U GAAGUUAC	7442	CAUGUUGU CUGAUGAG GCCGUUAGGC CGAA ACUUCAAA	25819
380	10650	UUUGAAGU U ACAACAUG	7443		
381	10649	UUGAAGUU A CAACAUGU	7444	ACAUGUUG CUGAUGAG GCCGUUAGGC CGAA AACUUCAA	25820
395	10635	nangagan c caccance	7445	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACCCCACA	25821
398	10632	GGGGUCCU C CUUCCGAG	7446	CUCGGAAG CUGAUGAG GCCGUUAGGC CGAA AGGACCCC	25822
401	10629	GUCCUCCU U CCGAGACG	7447	CGUCUCGG CUGAUGAG GCCGUUAGGC CGAA AGGAGGAC	25823
402	10628	UCCUCCUU C CGAGACGG	7448	CCGUCUCG CUGAUGAG GCCGUUAGGC CGAA AAGGAGGA	25824
412	10618	GAGACGGU U CUGAGGGC	7449	GCCCUCAG CUGAUGAG GCCGUUAGGC CGAA ACCGUCUC	25825
413	10617	AGACGGUU C UGAGGGCU	7450	AGCCCUCA CUGAUGAG GCCGUUAGGC CGAA AACCGUCU	25826
422	10608	UGAGGGCU U ACAUGGAU	7451	AUCCAUGU CUGAUGAG GCCGUUAGGC CGAA AGCCCUCA	25827
423	10607	GAGGGCUU A CAUGGAUC	7452	GAUCCAUG CUGAUGAG GCCGUUAGGC CGAA AAGCCCUC	25828
431	10599	ACAUGGAU C ACUUCGCG	7453	CGCGAAGU CUGAUGAG GCCGUUAGGC CGAA AUCCAUGU	25829
435	10595	GGAUCACU U CGCGGCUU	7454	AAGCCGCG CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC	25830
436	10594	GAUCACUU C GCGGCUUU	7455	AAAGCCGC CUGAUGAG GCCGUUAGGC CGAA AAGUGAUC	25831
443	10587	UCGCGGCU U UGUUCACC	7456	GGUGAACA CUGAUGAG GCCGUUAGGC CGAA AGCCGCGA	25832
444	10586	CGCGGCUU U GUUCACCC	7457	GGGUGAAC CUGAUGAG GCCGUUAGGC CGAA AAGCCGCG	25833
447	10583	GGCUUUGU U CACCCAGU	7458	ACUGGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAGCC	25834
			7459	<del> </del>	25835
448	10582	GCUUUGUU C ACCCAGUC		GACUGGGU CUGAUGAG GCCGUUAGGC CGAA AACAAAGC	<del> </del>
456	10574	CACCCAGU C CUCCUGGG	7460	CCCAGGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGGUG	25836
459	10571	CCAGUCCU C CUGGGGUU	7461	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	25837
467	10563	CCUGGGGU U GAGUCGCA	7462	UGCGACUC CUGAUGAG GCCGUUAGGC CGAA ACCCCAGG	25838
472	10558	GGUUGAGU C GCAGGCAG	7463	CUGCCUGC CUGAUGAG GCCGUUAGGC CGAA ACUCAACC	25839
487	10543	AGCACCGU C UACUCAAC	7464	GUUGAGUA CUGAUGAG GCCGUUAGGC CGAA ACGGUGCU	25840
489	10541	CACCGUCU A CUCAACUU	7465	AAGUUGAG CUGAUGAG GCCGUUAGGC CGAA AGACGGUG	25841
492	10538	CGUCUACU C AACUUCCG	7466	CGGAAGUU CUGAUGAG GCCGUUAGGC CGAA AGUAGACG	25842
497	10533	ACUCAACU U CCGGUGGC	7467	GCCACCGG CUGAUGAG GCCGUUAGGC CGAA AGUUGAGU	25843
498	10532	CUCAACUU C CGGUGGCG	7468	CGCCACCG CUGAUGAG GCCGUUAGGC CGAA AAGUUGAG	25844
513	10517	CGGGAACU U CCCGGCCU	7469	AGGCCGGG CUGAUGAG GCCGUUAGGC CGAA AGUUCCCG	25845
514	10516	GGGAACUU C CCGGCCUG	7470	CAGGCCGG CUGAUGAG GCCGUUAGGC CGAA AAGUUCCC	25846
526	10504	GCCUGACU U UCUCCUCA	7471	UGAGGAGA CUGAUGAG GCCGUUAGGC CGAA AGUCAGGC	25847
527	10503		7472	UUGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGUCAGG	25848
528	10502	CUGACUUU C UCCUCAAA	7473	UUUGAGGA CUGAUGAG GCCGUUAGGC CGAA AAAGUCAG	25849
530	10500	GACUUUCU C CUCAAAAU	7474	AUUUUGAG CUGAUGAG GCCGUUAGGC CGAA AGAAAGUC	25850
533	10497		7475	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA AGGAGAAA	25851
539	10491	<del></del>	7476	GUUAAGAA CUGAUGAG GCCGUUAGGC CGAA AUUUUGAG	25852
540	10490	UCAAAAUU U UCUUAACU	7477	AGUUAAGA CUGAUGAG GCCGUUAGGC CGAA AAUUUUGA	25853
541	10489		7478	UAGUUAAG CUGAUGAG GCCGUUAGGC CGAA AAAUUUUG	25854
542	10488		7479	AUAGUUAA CUGAUGAG GCCGUUAGGC CGAA AAAAUUUU	25855
544	10486		7480	AAAUAGUU CUGAUGAG GCCGUUAGGC CGAA AGAAAAUU	25856
545	10485		7481	UAAAUAGU CUGAUGAG GCCGUUAGGC CGAA AAGAAAAU	25857
549	10481	UCUUAACU A UUUACACU	<del></del>	AGUGUAAA CUGAUGAG GCCGUUAGGC CGAA AGUUAAGA	25858
551	<del> </del>		7482		
	10479		7483	UUAGUGUA CUGAUGAG GCCGUUAGGC CGAA AUAGUUAA	25859
552	10478	UAACUAUU U ACACUAAC	7484	GUUAGUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGUUA	25860
553	10477	AACUAUUU A CACUAACA	7485	UGUUAGUG CUGAUGAG GCCGUUAGGC CGAA AAAUAGUU	25861
558	10472		7486	AGUGGUGU CUGAUGAG GCCGUUAGGC CGAA AGUGUAAA	25862
567	10463		7487	GUAGUAUU CUGAUGAG GCCGUUAGGC CGAA AGUGGUGU	25863
571	10459		7488	UAUAGUAG CUGAUGAG GCCGUUAGGC CGAA AUUUAGUG	25864
574	10456	UAAAUACU A CUAUAAAA	7489	UUUUAUAG CUGAUGAG GCCGUUAGGC CGAA AGUAUUUA	25865
577	10453		7490	UAGUUUUA CUGAUGAG GCCGUUAGGC CGAA AGUAGUAU	25866
579	10451	ACUACUAU A AAACUACA	7491	UGUAGUUU CUGAUGAG GCCGUUAGGC CGAA AUAGUAGU	25867

v	U2/UU0UJ/	
		Table VII

			Table		
585	10445	AUAAAACU A CACUUUUA	7492	UAAAAGUG CUGAUGAG GCCGUUAGGC CGAA AGUUUUAU	25868
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591	10439	CUACACUU U UAUGCAUA	7494	UAUGCAUA CUGAUGAG GCCGUUAGGC CGAA AAGUGUAG	25870
592	10438	UACACUUU U AUGCAUAC	7495	GUAUGCAU CUGAUGAG GCCGUUAGGC CGAA AAAGUGUA	25871
593	10437	ACACUUUU A UGCAUACU	7496	AGUAUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGUGU	25872
599	10431	UUAUGCAU A CUUAUAUU	7497	AAUAUAAG CUGAUGAG GCCGUUAGGC CGAA AUGCAUAA	25873
602	10428	UGCAUACU U AUAUUGUC	7498	GACAAUAU CUGAUGAG GCCGUUAGGC CGAA AGUAUGCA	25874
603	10427	GCAUACUU A UAUUGUCU	7499	AGACAAUA CUGAUGAG GCCGUUAGGC CGAA AAGUAUGC	25875
605	10425	AUACUUAU A UUGUCUAU	7500	AUAGACAA CUGAUGAG GCCGUUAGGC CGAA AUAAGUAU	25876
607	10423	ACUUAUAU U GUCUAUUU	7501	AAAUAGAC CUGAUGAG GCCGUUAGGC CGAA AUAUAAGU	25877
610	10420	UAUAUUGU C UAUUUACA	7502	UGUAAAUA CUGAUGAG GCCGUUAGGC CGAA ACAAUAUA	25878
612	10418	UAUUGUCU A UUUACAAU	7503	AUUGUAAA CUGAUGAG GCCGUUAGGC CGAA AGACAAUA	25879
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615	10415	UGUCUAUU U ACAAUUGA	7505	UCAAUUGU CUGAUGAG GCCGUUAGGC CGAA AAUAGACA	25881
616	10414	GUCUAUUU A CAAUUGAU	7506	AUCAAUUG CUGAUGAG GCCGUUAGGC CGAA AAAUAGAC	25882
621	10409	UUUACAAU U GAUUAAAU	7507	AUUUAAUC CUGAUGAG GCCGUUAGGC CGAA AUUGUAAA	25883
625	10405	CAAUUGAU U AAAUAUCU	7508	AGAUAUUU CUGAUGAG GCCGUUAGGC CGAA AUCAAUUG	25884
626	10404	AAUUGAUU A AAUAUCUA	7509	UAGAUAUU CUGAUGAG GCCGUUAGGC CGAA AAUCAAUU	25885
630	10400	GAUUAAAU A UCUACAGU	7510	ACUGUAGA CUGAUGAG GCCGUUAGGC CGAA AUUUAAUC	25886
632	10398	UUAAAUAU C UACAGUAC	7511	GUACUGUA CUGAUGAG GCCGUUAGGC CGAA AUAUUUAA	25887
634	10396	AAAUAUCU A CAGUACUG	7512	CAGUACUG CUGAUGAG GCCGUUAGGC CGAA AGAUAUUU	25888
639	10391	UCUACAGU A CUGUGUCC	7513	GGACACAG CUGAUGAG GCCGUUAGGC CGAA ACUGUAGA	25889
646	10384	UACUGUGU C CUCAACCA	7514	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACACAGUA	25890
649	10381	UGUGUCCU C AACCAAAG	7515	CUUUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGACACA	25891
659	10371	ACCAAAGU U GUGUCUUC	7516	GAAGACAC CUGAUGAG GCCGUUAGGC CGAA ACUUUGGU	25892
664	10366	AGUUGUGU C UUCAUAUC	7517	GAUAUGAA CUGAUGAG GCCGUUAGGC CGAA ACACAACU	25893
666	10364	UUGUGUCU U CAUAUCUC	7518	GAGAUAUG CUGAUGAG GCCGUUAGGC CGAA AGACACAA	25894
667	10363	UGUGUCUU C AUAUCUCU	7519	AGAGAUAU CUGAUGAG GCCGUUAGGC CGAA AAGACACA	25895
670	10360	GUCUUCAU A UCUCUUUA	7520	UAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	25896
672	10358	CUUCAUAU C UCUUUAGU	7521	ACUAAAGA CUGAUGAG GCCGUUAGGC CGAA AUAUGAAG	25897
674	10356	UCAUAUCU C UUUAGUGA	7522	UCACUAAA CUGAUGAG GCCGUUAGGC CGAA AGAUAUGA	25898
676	10354	AUAUCUCU U UAGUGAAC	7523	GUUCACUA CUGAUGAG GCCGUUAGGC CGAA AGAGAUAU	25899
677	10353	UAUCUCUU U AGUGAACU	7524	AGUUCACU CUGAUGAG GCCGUUAGGC CGAA AAGAGAUA	25900
678	10352	AUCUCUUU A GUGAACUC	7525	GAGUUCAC CUGAUGAG GCCGUUAGGC CGAA AAAGAGAU	25901
686	10344	AGUGAACU C AUGUAAUC	7526	GAUUACAU CUGAUGAG GCCGUUAGGC CGAA AGUUCACU	25902
691	10339	ACUCAUGU A AUCCACAU	7527	AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA ACAUGAGU	25903
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703	10327	CACAUACU U CUCAUCUC	7530	GAGAUGAG CUGAUGAG GCCGUUAGGC CGAA AGUAUGUG	25906
704	10326	ACAUACUU C UCAUCUCC	7531	GGAGAUGA CUGAUGAG GCCGUUAGGC CGAA AAGUAUGU	25907
706	10324	AUACUUCU C AUCUCCGA	7532	UCGGAGAU CUGAUGAG GCCGUUAGGC CGAA AGAAGUAU	25908
709	10321	CUUCUCAU C UCCGAUGA	7533	UCAUCGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAAG	25909
711	10319	UCUCAUCU C CGAUGAUU	7534	AAUCAUCG CUGAUGAG GCCGUUAGGC CGAA AGAUGAGA	25910
719	10311	CCGAUGAU U GCUCUGAC	7535	GUCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUCAUCGG	25911 25912
723	10307	UGAUUGCU C UGACUUGG	7536	CCAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA UAUCAACC CUGAUGAG GCCGUUAGGC CGAA AGUCAGAG	25912
729	10301	CUCUGACU U GGUUGAUA	7537	UGGCUAUC CUGAUGAG GCCGUUAGGC CGAA ACCAAGUC	25914
733	10297	GACUUGGU U GAUAGCCA	7538	CAGGUGGC CUGAUGAG GCCGUUAGGC CGAA AUCAACCA	25915
737	10293	UGGUUGAU A GCCACCUG	7539	GGGCAGAA CUGAUGAG GCCGUUAGGC CGAA ACAUCCAG	25916
751	10279	CUGGAUGU U UUCUGCCC	7540	UGGGCAGA CUGAUGAG GCCGUUAGGC CGAA ACAUCCA	25917
752	10278	UGGAUGUU U UCUGCCCA	7541	GUGGGCAGA CUGAUGAG GCCGUUAGGC CGAA AAACAUCCA	25917
753	10277	GGAUGUUU U CUGCCCAC	7542	CGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AAAACAUC	25919
754	10276	GAUGUUUU C UGCCCACG	7543	AAGAGCCC CUGAUGAG GCCGUUAGGC CGAA AGCCACGU	25920
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774	10256	CUCGGGCU C UUGUGCCA	7545	AUUGGCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCCCG	25922
776	10254	CUGGGCUCU U GUGCCAAU	7546	GGCAGCCU CUGAUGAG GCCGUUAGGC CGAA AUUGGCAC	25923
785	10245	GUGCCAAU C AGGCUGCC	7547	AACGAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUCUGG	25924
805	10225	CCAGAUGU C CUCUCGUU	7548	GAAAACGA CUGAUGAG GCCGUUAGGC CGAA ACACCUG	25925
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810	10220	GUCUCU C GUUUUCCU	7550	UUCAGGAA CUGAUGAG GCCGUUAGGC CGAA ACGAGAGG	25927
813	10217	CCUCUCGU U UUCCUGAA	7551	AUUCAGGA CUGAUGAG GCCGUUAGGC CGAA ACGAGAGG	25928
814	10216	UCUCGUU U UCCUGAAUA	7552 7553	UAUUCAGG CUGAUGAG GCCGUUAGGC CGAA AAACGAGA	25929
815	10215	COOCCOO O CCOGAROR	1 ,,,,,	wildened coundant occoodned carriamental	1

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816	10214	CUCGUUUU C CUGAAUAU	7554	AUAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAAACGAG	25930
823	10207	UCCUGAAU A UGGGACGU	7555	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AUUCAGGA	25931
832	10198	UGGGACGU C ACUCCAUU	7556	AAUGGAGU CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA	25932
836	10194	ACGUCACU C CAUUUCUC	7557	GAGAAAUG CUGAUGAG GCCGUUAGGC CGAA AGUGACGU	25933
840	10190	CACUCCAU U UCUCCACU	7558	AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA AUGGAGUG	25934
841	10189	ACUCCAUU U CUCCACUG	7559	CAGUGGAG CUGAUGAG GCCGUUAGGC CGAA AAUGGAGU	25935
842	10188	CUCCAUUU C UCCACUGG	7560	CCAGUGGA CUGAUGAG GCCGUUAGGC CGAA AAAUGGAG	25936
844	10186	CCAUUUCU C CACUGGGG	7561	CCCCAGUG CUGAUGAG GCCGUUAGGC CGAA AGAAAUGG	25937
854	10176	ACUGGGGU U UUGUCUUC	7562	GAAGACAA CUGAUGAG GCCGUUAGGC CGAA ACCCCAGU	25938
855	10175	CUGGGGUU U UGUCUUCC	7563	GGAAGACA CUGAUGAG GCCGUUAGGC CGAA AACCCCAG	25939
856	10174	UGGGUUU U GUCUUCCA	7564	UGGAAGAC CUGAUGAG GCCGUUAGGC CGAA AAACCCCA	25940
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861	10169	UUUUGUCU U CCAUCCAU	7566	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA AGACAAAA	25942
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866	10164	UCUUCCAU C CAUUCAUU	7568	AAUGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAAGA	25944
870	10160	CCAUCCAU U CAUUCUCC	7569	GGAGAAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG	25945
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884	10146	UCCUCUAU C CAAACACG	7576	CGUGUUUG CUGAUGAG GCCGUUAGGC CGAA AUAGAGGA	25952
895	10146	AACACGGU U CCAGACCU	7577	AGGUCUGG CUGAUGAG GCCGUUAGGC CGAA ACCGUGUU	25953
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913	10128	CAACAUGU C CUCUGUUG	7580	CAACAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUGUUG	25956
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920	10110	UCCUCUGU U GUCAUCCA	7582	UGGAUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGAGGA	25958
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963	10067	UGGUUCUU C CGGUAGGG	7591	CCCUACCG CUGAUGAG GCCGUUAGGC CGAA AAGAACCA	25967
968	10062	CUUCCGGU A GGGACCCA	7592	UGGGUCCC CUGAUGAG GCCGUUAGGC CGAA ACCGGAAG	25968
979	10051	GACCCAAU U CACAGGGA	7593	UCCCUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUC	25969
980	10050	ACCCAAUU C ACAGGGAC	7594	GUCCCUGU CUGAUGAG GCCGUUAGGC CGAA AAUUGGGU	25970
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1024	10006	CCGCAGGU C UCUUCUGU	7596	ACAGAAGA CUGAUGAG GCCGUUAGGC CGAA ACCUGCGG	25972
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1028	10002	AGGUCUCU U CUGUGGAA	7598	UUCCACAG CUGAUGAG GCCGUUAGGC CGAA AGAGACCU	25974
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1063	9967	CUGGGCAU A AGACUUAG	7602	CUAAGUCU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG	25978
1069	9961	AUAAGACU U AGCCAGAC	7603	GUCUGGCU CUGAUGAG GCCGUUAGGC CGAA AGUCUUAU	25979
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1087	9943	AGCAGUGU C GCGGACGU	7605	ACGUCCGC CUGAUGAG GCCGUUAGGC CGAA ACACUGCU	25981
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1141	9889	CAAUUCAU C CUGUCCUC	7614	GAGGACAG CUGAUGAG GCCGUUAGGC CGAA AUGAAUUG	25990
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				e VIII				
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1169	9861	ACCAGUGU U CUUCCAUC	7617		25993			
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1177	9853	UCUUCCAU C UUUCAUGA	7621		25997			
1179	9851	UUCCAUCU U UCAUGAUC	7622		25998			
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1181	9849	CCAUCUUU C AUGAUCAA	7624		26000			
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1191	9839	UGAUCAAU U CAGUGAAA	7626		26002			
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1205	9825	AAAUGGUU U GAGCAAAA	7629		26005			
1231	9799	CUGCCAAU C AUACCAUC	7630		26006			
1234	9796	CCAAUCAU A CCAUCCAG	7631		26007			
1239	9791	CAUACCAU C CAGUUGAC	7632		26008			
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1253	9777	GACGGUUU C CACUCUUG	7636		26012			
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1444	9586	CUCCACAU C AUCUGGGC	7677	GCCCAGAU CUGAUGAG GCCGUUAGGC CGAA AUGUGGAG	26053			

1447   1457		WU 02	/00803 /	Tabl	e VIII		rei.	OSOTI	46330	
1451   556   CANUCACU C CUTOCCOU   7699   AGRICAGIA CUGAURAGE COCALAGEC CARA AUTUSCOCC 26055   1461   5566   CANUCACU C CUTOCCOU   7691   AGRICAGIA CUGAURAGE COCALAGURA CORA AUTUSCOCC 26055   1465   5566   CAUCICCU C COCCUICCO   7691   AGRICAGIA CUGAURAGE COCALAGURA CORA AUTUSCOCC 26051   1470   5560   CUTOCCCOU C COCCUICCO   7692   GURANAGIG CUGAURAGE CORAN AGRICAGIA 26057   1471   5555   CUTOCCCOU C CAUCAUCC   7694   AGRICAGIA CUGAURAGE CORAN AGRICAGIA 26051   1471   5555   CUTOCCAU C CAUCAUCC   7695   AGRICAGIA CUGAURAGE COCCUIUAGE CORA AGRICAGIA 26051   1471   5555   CUTOCCAU C CAUCAUCC   7695   AGRICAGIA CUGAURAGE COCCUIUAGE CORA AGRICAGIA 26051   1471   5555   CUCAUCAU C CUCACCA   7696   CUGAURAGE CUGAURAGE COCALAGURAGE CORA AGRICAGIA 26051   1471   5555   CUCAUCAU C CUCACCA   7696   CUGAURAGE CUGAURAGE COCALAGURAGE CORA AGRICAGIA 26051   1471   5555   COCAUCAU C CUCACCAG   7696   CUGAURAGE CUGAURAGE COCALAGURAGE CORA AGRICAGIA 26051   1471   5557   GARAGURU U GUGARAGA   7698   CUGAURAGE CUGAURAGE CORA AGRICAGU 26064   1511   5517   GARAGURU U GUGARAGA   7698   CUGAURAGE CUGAURAGE CORA AGRICAGU 26064   1511   5517   GARAGURU U GUGARAGA   7698   CUGAURAGE CUGAURAGE CORA AGRICAGU 26064   1511   5517   GARAGURU U AGRICAGU   7691   CUGAURAGE CUGAURAGE CORA AGRICAGU 26064   1513   5518   AGRICAGU U GUGARAGA   7691   CUGAURAGE CUGAURAGE CORA AGRICAGU 26065   1513   5515   AGRICAGU U GUCACACC   7693   GARGURGA CUGAURAGE CORA AGRICAGU 26061   1513   5515   AGRICAGU U CUCACCAC   7693   GARGURGA CUGAURAGE CORA AGRICAGU 26061   1514   5408   UAGRICAGU U CUCACCAC   7693   GARGURGA CUGAURAGE CORA AGRICAGU 26071   1515   5405   CUCACACC   CCCUCUCU   7695   CARAGURG CUGAURAGE CUGAURAGE CORA AGRICAGU 26071   1515   5406   CUCACACC   CCCUCUCU   7695   CARAGURG CUGAURAGE CUGAURAGE CUGAURAGE CUGA AGRICAGU 26071   1516   5406   CUCACACC   CUCACCC   7695   CARAGURG CUGAURAGE CUGAURAGE CUGA AGRICAGU 26071   1517   5406   CUCACACC   CUCACCC   7695   CARAGURG CUGAURAGE CUGA AGRICAGU 26071   1518   5406   CUCACACC   CUCACACC	1447	9583	CACAUCAU C UGGGCCAA			GAUGAG	GCCGUUAGGC	CGAA	AUGAUGUG	26054
1464   5565   CANDICOU   C CUINCOCU   7681   AGGGGAN CUINAURAG   COCULAGO   CANA AGGGUAN   26957     1465   5565   CANCINCIN   C COCUNCA   7682   UGRANAGG CUINAURAG   COCULAGO   CANA AGGGUAN   26957     1465   5565   CANCINCIN   C COCUNCA   7682   UGRANAGG CUINAURAG   COCULAGO   CANA AGGGUAN   26957     1477   5559   UGRCOCUT   C CAUCAUC   7684   GARGAGG CUINAURAG   COCULAGO   CANA AGGGUAN   26958     1477   5559   UGRCOCUT   C CAUCAUC   7684   GARGAGG CUINAURAG   COCULAGO   CANA AGGGUAN   26958     1477   5559   UGRCOCUT   C CAUCAUC   7684   GARGAGGO   CUINAURAG   COCULAGO   CANA AGGGUAN   26951     1478   5552   UGRCOCUT   C CAUCAUC   7685   GURGAGGA   CUINAURAG   COCULAGO   CANA AGGGUAN   26961     1479   5552   UGRCOCUT   C CAUCAUG   7687   CAUCAUC   CANA AGGGUAN   26961     1479   5553   UGRCOCUT   C CAUCAUG   7687   CAUCAUC   CAUCAUG   CANA AGGGUAN   26961     1471   5553   AUGUSTO   C CAUCAUG   7687   CAUCAUC   CAUCAUG   CAUCAUC   CAUCAUG   CAUCAUC   CAUCAUG   CAUCAUC   CA					GAAGGAGU CU	JGAUGAG	GCCGUUAGGC	CGAA	AUUGGCCC	
1465   9566	<del></del>									
1455   9565   CAUCICUU C COLUNIORA   7692   UGARAGGG CUGALINAG CICCULURAGE CANA AGGAGIG 26058   1471   9559   UTCCCCUU C CAUCALICC   7684   GAUGRAIR CUGALIRAG CICCULURAGE CANA AGGAGIGA 26059   1471   9555   UTCCCCUU C CAUCALICC   7684   GAUGRAIR CUGALIRAG CICCULURAGE CANA AGGAGIA 26059   1475   9555   CUTUCCUU C AUCACICC   7685   GAUGRAIR CUGALIRAG CICCULURAGE CANA AUGAGIA 26051   1476   9555   CUTUCCUU C ACCAGCIG   7686   CUGAGUA CUGALIRAG CICCULURAGE CANA AUGAGIA 26061   1476   9555   CUTUCCUU C ACCAGCIG   7686   CUGAGUA CUGALIRAG CICCULURAGE CANA AUGAGIA 26061   1476   9554   CUCACAGCI C GAUGRAIRAG CUGALIRAGA CANA AUGAGIA 26061   1476   9554   CUCACAGCI C GAUGRAIRAG COCCULURAGE CANA AUGAGIA 26061   1571   1585   GAUGRAIR U GAUGRAIRAG   7687   CACCULURAGIA CACCULURAGE CANA AUGAGIA 26061   1581   9515   GALAGUERU U GAUGRAIRAG   7689   CUCACAGCI C CUGALIRAG COCCULURAGE CANA ACCULUC 26064   1581   9515   ANAGUERU U GAUGRAIRA   7689   UACACCULU CUGALIRAG CACCULURAGE CANA ACCULUC 26064   1581   9515   ANAGUERU U GAUGRAIRA   7689   UACACCULU CUGALIRAG CACCULURAGE CANA ACCULUC 26064   1581   9515   ANAGUERU U GAUGRAIRA   7689   UACACCULU CUGALIRAG CACCULURAGE CANA ACCULUC 26064   1581   9515   ANAGUERU U GAUGRAIRA   7689   UACACCULU CUGALIRAG CACCULURAGE CACCUL										
1471   9566										
1477   9555	<u> </u>									
1475   9555   CICCINCON   C. CICACCAG   7685   GUIGAGGAN CUGANDAG   CCGALUNGAG   26061   1481   9549   AUCANCIC   C. CICACAGU   7687   CAGCUGGI CUGANDAG   CCGAUNGAG   CCGAUNGAG   26061   1551   5529   GECANGUI   C. GUIGAGGA   7688   CUGUCACC   CUGANDAG   CCGAUNGAG   CCGAUNGAG   26061   1513   5517   GAAAGUGU   U. GUIGAGAAG   7688   CUGUCACC   CUGANDAG   CCGAUNGAG   CCGAUNGA	<del></del>			L					<del></del>	<del></del>
1478   9552   UCCANCAU C CUCACCAC   7686   CUGGUIGA CUCAURAGA GCCGUIAGGC CORA NAGAUGAN 26062   1488   5949   ARICAICUC C ACCAGCUGT CAGCUGT C										
1481   9549   AITCAUCCU C ACCURCUS   7687   CAGCURGU CURANGAR GECCULURGE CARA ARGANICAL   25051   1501   9517   GARAGUE U GUIDARAR   7688   ACCURA CURANGAR GECCULURGE CARA ARCURECC   25064   1513   9517   GARAGUEU U ARGACCUR   7699   UNCOCCCC CURANGAR GECCULURGE CARA ARCURUC   25065   1514   9516   ARAGUEUU A REGECULUR   7699   UNCOCCCC CURANGAR GECCULURGE CARA ARCURUC   25065   1515   9515   ARAGUEUU A REGECULUR   7692   UNGUCARC CURANGAR GECCULURGE CARA ARCURUC   25065   1515   9518   ARAGUEUU A REGECULUR   7692   UNGUCARC CURANGAR GECCULURGE CARA ARCURUC   25065   1515   9518   ARAGUEUU A GEORGUE   7692   UNGUCARC CURANGAR GECCULURGE CARA ARCURUC   25065   1516   9494   CARCURUC C CECCUCUC   7693   ARAGUERA   GECCULURGE CARA ARCURUC   26066   1516   9494   CARCURUC C CECCUCUC   7694   GOGGRAUU CURANGAR GECCULURGE CARA ARAGUEU   26070   1514   9489   UNCICACAC C CECCUCUC   7694   GOGGRAUU CURANGAR GECCULURGE CARA ARAGUER   26071   1541   9489   UNCICACAC C CECCUCUC   7694   GARGAGUE CURANGAR GECCULURGE CARA ARGUERA   26071   1552   9478   CUCUCARA C UNCUCUCR   7698   CARAGUERA C CUCANGAR GECCULURGE CARA ARGUERA   26071   1555   9475   CUCUCARA C UNCUCURS   7698   CUCCARA C URANGAR GECCULURGE CARA ARGUERA   26074   1555   9475   CUGANACU C UCUCUGAR   7699   CUCCARA C URANGAR GECCULURGE CARA ARGUERA   26074   1555   9475   CUGANACU C UCUCUGAR   7699   CUCCARA C URANGAR GECCULURGE CARA ARGUERA   26074   1555   9475   CUGANACU C UCUCUGAR   7699   CUCCARA C URANGAR GECULURGE CARA ARGUECA   26074   1555   9475   CUGANACU C UCUCUGAR   27074   UNCUCCARA C URANGAR   GECULURGE CARA ARGUECA   26074   1555   9475   CUGANACU C UCUCARA C URANGAR   26074   2607	1475	9555								
1501   5929   GECCAGGU U GUIDANAD   7688   CUDUCACC CUGAUGAG GECGULAGGE CRAN ACCIUDUC 2605   1514   9516   NANGUEUU U AGGECCUN 7699   UNCICCCU CUGAUGAG GECGULAGGE CRAN ACCIUUU 26066   1515   9515   NANGUEUU U AGGECCUN 7699   UNCICCCU CUGAUGAG GECGULAGGE CRAN ACCIUUU 26066   1515   9515   NANGUEUU A GGECCUN 7699   UNCICCCU CUGAUGAG GECGULAGGE CRAN ACCIUUU 26066   1515   9516   NANGUEUU A GGECCUN 7699   UNCICCCU CUGAUGAG GECGULAGGE CRAN ACCICUU 26066   1513   9516   NANGUEUU A GGECGULAGGE CUGAUGAG GECGULAGGE CRAN ACCICUU 26066   1513   9497   CARCUEU U CARCUECC 7694   GAGGGGAGU CUGAUGAG GECGULAGGE CRAN ACCICUU 26066   1513   9497   CARCUEU C CUCCCUCU 7694   GAGGGGAGU CUGAUGAG GECGULAGGE CRAN ACAGUUG 26067   1514   9489   UCUCCAGU C CUCCUU 7696   GAGAGUAC CUGAUGAG GECGULAGGE CRAN ACGUUG 2607   1514   9489   CUCCUCU C UGAUCUU 7696   GAGAGUAC CUGAUGAG GECGULAGGE CRAN ACGUUG 2607   1514   9489   CUCCUCAGU C UCUCUGUG 7697   CAGAGAGAC CUGAUGAG GECGULAGGE CAN ACGUUG 2607   1515   9478   CUCUCAGU C UCUCUGAG 7699   CUCCCAGA CUGAUGAG GECGULAGGE CAN ACGUUG 2607   1515   9478   CUCGAUCU C UCUCAGAG CUCAGAG CUGAUGAG GECGULAGGE CAN ACGUUG 2607   1515   9478   CUCAGACU C UCUCAGAG CUCAGAG CUCAUGAG GECGULAGGE CAN ACGUUG 2607   1515   9478   CUCAGAGA CUCAGAG COCCULAG COCCAGAG CUCAGAG	1478	9552	UCCAUCAU C CUCACCAG	7686						26062
1511   5517   GARAGURU U NEGROGUE   7699   ANGECCUU CURAURAR   SCOUTUAGES CORA NACACURU   26065   1515   9515   ANGURU U A GORGURA   7699   CURACCAC CURAURAR   SCOUTUAGES CORA ANACACURU   26067   1515   9515   ANGURU A GORGURA   7691   CURACCAC CURAURAR   SCOUTUAGES CORA ANACACURU   26067   1515   9515   ANGURU A GORGURA   7692   URUCACAC CURAURAR   SCOUTUAGES CORA ANACACURU   26067   1513   3497   URACACACU U GUCACACC   7693   GARDRAC CURAURAR   SCOUTUAGES CORA ANACACURU   26068   1513   3497   URACACACU U GUCACACC   7694   GORGURAU CURAURAR   SCOUTUAGES CORA ARGURAC   26068   1515   9494   CAACURUG C COCUCUCG   7694   GORGURAU CURAURAR   SCOUTUAGES CORA ARGURACA   26071   1514   9483   URUCACAC U COCUCUG   7695   GARAGGGG CURAURAR   SCOUTUAGES CORA ARGURACA   26071   1514   9483   URUCACAC U CUCUCUGA   7696   GARAGURA CURAURAR   SCOUTUAGES CORA ARGURACA   26071   1514   9483   URUCACAC U CUCUGARA   7699   CUCCARACA CURAURAR   SCOUTUAGES CORA ARGURACA   26071   1552   9478   CUCUAURU U CUCUGARA   7699   CUCCARAC CURAURAR   SCOUTUAGES CORA ARGURACA   26074   1555   9473   CURAURU U CUCUGARA   7699   CUCCARAC CURAURAR   SCOUTUAGES CORA ARGURACA   26074   1555   9473   CURAURACA   ACAUCCU CUTUAGA   7699   CUCCARA CURAURAR   SCOUTUAGES CORA ARGURACA   26074   1555   9473   GARDUUCU C UGAGARAU   7700   URUCUCCAR CURAURAR   SCOUTUAGES CORA ARGURACA   26076   1557   9473   GARDUUCU C UGAGARU   7701   URUCUCCAR CURAURAR   SCOUTUAGES CORA ARGURACA   26076   1559   9460   CUCCARA CURAURA   SCOUTUAGES CORA ARGURACA   26076   1569   9460   AUGACGU U CUCCARA CURAURA   SCOUTUAGES CORA ARGURACA   26076   1569   9460   AUGACGU U CUCCARA CURAURA   26078	1481	9549	AUCAUCCU C ACCAGCUG	7687	CAGCUGGU CU	JGAUGAG	GCCGUUAGGC	CGAA	AGGAUGAU	26063
1515   9516   AAGGURU U AGGGGULA 7690   UACGCCCU CUGAUGAG GCGUUAGGC CORA ARACACUTU 26966   1535   9515   AAGGURU A GGGGUAA 7692   UURUCACC CUGAUGAG GCGUUAGGC CORA ARACACUTU 26966   1535   9494   CAGCUCU U CCCCCC 7694   GAGGGGCU CUGAUGAG GCGUUAGGC CORA AGGCCCU 26068   1536   9494   CAACUGU C CCCCCCCC 7694   GAGGGGGCU CUGAUGAG GCGUUAGGC CORA AGGCCCU 26068   1536   9494   CAACUGU C CCCCCCCCG 7694   GAGGGGGCU CUGAUGAG GCGUUAGGC CORA AGGCCCU 26068   1536   9494   CAACUGU C CCCCCCCCG 7695   CAGAGGGC CUGAUGAG GCGUUAGGC CORA AGGCCCU 26061   1541   9489   UCUCCACU C CCCCCCCCG 7695   CAGAGGGC CUGAUGAG GCGUUAGGC CORA AGUGGACA 26071   1541   9489   UCUCCACU C CUCUGUAU C 7695   CAGAGGGC CUGAUGAG GCGUUAGGC CORA AGUGGACA 26071   1552   9478   CUCUGAUCU C CUCUGAGA 7697   CCCCCAGAC CUGAUGAG GCGUUAGGC CORA AGUCGACA 26071   1555   9476   UCUGAUCU C UCUGGAGA 7699   UCUCCAGA CUGAUGAG GCGUUAGGC CORA AGUCGACA 26071   1555   9476   CUCUGAUCU C UCUGGAGA 7699   UCUCCAGA CUGAUGAG GCGUUAGGC CORA AGUCGACA 26071   1555   9475   CUCGAUCU C UCUGGAGA 7699   UCUCCAGA CUGAUGAG GCGUUAGGC CORA AGUCGACA 26071   1555   9475   GAUCUCU C UCUGGAGA 7699   UCUCCAGA CUGAUGAG GCGUUAGGC CORA AGUCCAGA 26071   1555   9475   GAUCUCU C UCUGGAGA 7701   AUGCUCAC CUGAUGAG GCGUUAGGC CORA AGUCCAGA 26071   1555   9475   GAUCUCAC CUCCAGAC CUGAUGAG GCGUUAGGC CORA AGUCCAGA 26071   1557   9475   GAUCUCACA CUCCAGA CUGAUGAG GCCGUUAGGC CORA AGUCCAGA 26071   1557   9475   GAUCUCACA CUCCAGA CUGAUGAG GCCGUUAGGC CORA AGUCCAGA 26071   1557   9475   GAUCUCACA CUCCAGA CUGAUGAG GCCGUUAGGC CORA AGUCCAGA 26071   1557   9475   GAUCUCACA CUCAACAC CUCA	1501	9529	GGCCAGGU U GGUGAAAG	7688	CUUUCACC CU	JGAUGAG	GCCGUUAGGC	CGAA	ACCUGGCC	26064
1515	1513	9517	GAAAGUGU U UAGGGCGU	7689	ACGCCCUA CU	JGAUGAG	GCCGUUAGGC	CGAA	ACACUUUC	26065
1522   9508	1514	9516	AAAGUGUU U AGGGCGUA	7690	UACGCCCU CU	JGAUGAG	GCCGUUAGGC	CGAA	AACACUUU	26066
1522   9508	1515	9515	AAGUGUUU A GGGCGUAG	7691	CUACGCCC CU	JGAUGAG	GCCGUUAGGC	CGAA	AAACACUU	26067
1533   9497	<b></b>		UAGGGCGU A GGUGACAA	7692	UUGUCACC CU	JGAUGAG	GCCGUUAGGC	CGAA	ACGCCCUA	26068
1514	<del></del>									
1541   9489   UBUCCACU C COCCUCUS   7699   CAGAGOGG CUGAUGAG CCCULUAGOC COAA AGUIGACA   26071   1547   9483   CUCCCCCC C UGAUCUUC   7696   GAAGAUCA CUGAUGAG CCCULUAGOC COAA AGUIGAGA   26072   1554   9478   CUCUCUCUC C UCUCUGAG   7697   CCAGAGA CUGAUGAG CCCULUAGOC COAA AGUIGAGA   26073   1554   9476   CUCUAUCU C UCUCUGAGA   7699   UCUCCAGA CUGAUGAG CCCULUAGOC COAA AGUIGAGA   26075   1557   9473   CAUCUUCU C UGAGAGA   7699   UCUCCAGA CUGAUGAG CCCULUAGOC COAA AGUICAGA   26075   1557   9473   CAUCUUCU C UGAGAGA   7699   UCUCCAGA CUGAUGAG CCCULUAGOC COAA AGUICAGA   26075   1557   9473   CAUCUUCU C UGAGAGA   7790   UCUCCAGA CUGAUGAG CCCULUAGOC COAA AGUICAGA   26077   1557   9466   GAUAACAU C CAUGACGG   7701   AUGAUGAC UGAUGAG CCCULUAGOC COAA AUGUUCAC   26077   1558   9456   CUGGAGAU A CADUCCAU   7703   AUGAUGAGA CUGAUGAG CCCULUAGOC COAA AUGUUCAC   26077   1558   9459   UGACCAGU C UCUCCAUCA   7704   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AUGUUCAC   26078   1581   9449   UGACCAGUU C CAUCAGC   7704   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AACAGUCA   26080   1583   9447   ACCGUUU C CAUCAGCA   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AACAGUCA   26080   1584   9446   CAGUUCUU C CAUCAGCA   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AACAGUCA   26081   1584   9446   CAGUUCUU C CAUCAGCA   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AACAGCGG   26082   1588   9442   UCUUCCAU C ACACAGCG   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AGUAGAG   26081   1584   9446   CAGUUCUU C CAUCAGCA   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AGUAGAG   26081   1584   9446   CAGUUCUU C CAUCAGCA   7705   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AGUAGAG   26081   1584   9446   CAGUUCUU C CAUCAGCA   7706   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AGUAGAG   26081   1585   9442   UGACAGAU C ACUULUACA   7708   AGUUGAGA CUGAUGAG CCCULUAGOC COAA AGUGAGAG   26082   1586   9421   CAUCACCU U UCACAACUU   7716   UGAUGAGA CUGAUGAG CCCULUAGOC COAA AGUGAGAG   26081   1608   9422   CAUCACUU U CACAACUU   7716   AGUUGACA CUGAUGAG CCCULUAGOC COAA AGUGAGAC   26081   1619   9420   AUCACCUU C ACACACU	<del></del>	<del> </del>		<u> </u>						
1547   9483   CUCCCCCU   UGNICULUC   7696   GANGAUCA CUGAUGAG   CCCGULAGGC   CGRA AGGGGGA   26072   1552   9478   CUCUGAID   UUCUCUGGA   7698   CUCCAGAG   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAGC   26073   1555   9475   CUCHAUCUU   UCUGGAGA   7699   CUCCAGAG   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAG   26074   1555   9475   CUCHAUCUU   UCUGGAGA   7699   CUCCAGA   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAG   26074   1557   9475   CUCAUCUU   CUGGAGA   7699   ULUCCAGA   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAGC   26074   1557   9477   GAUCUUCUU   CUGGAGA   7700   ULUCCAGC   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAGU   26076   1558   9455   CUGGAGAU   A ACAUCCAU   7701   AUGGAUGU   CUGAUGAG   GCCGULAGGC   CGRA AGAGCAGU   26076   1559   9450   AUGACGGU   UCUCCAUC   7703   GAUGGAAG   CUGAUGAG   GCCGULAGGC   CGRA   AUGUCCAG   26078   1581   9449   UGACGGU   UUCCAUCA   7704   UGAUGGAA   CUGAUGAG   GCCGULAGGC   CGRA   AGAGCAGU   26078   1583   9444   ACGGUCU   UCCAUCAC   7705   GCUGAUGG   CUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1584   9446   CCGUUCUC   CAUCAGCA   7705   GCUGAUGG   CUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1584   9446   CCGUUCU   C CAUCAGCA   7705   GCUGAUGG   CUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1584   9446   CCGUUCU   C CAUCAGCA   7706   GUGAUGAG   CUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1584   9442   UCUTUCCAU   C AGCAGCCC   7708   GUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1584   9442   CAUCACCU   U CACAACCU   7708   GUGAUGAG   GCCGULAGGC   CGRA   AGAACCGU   26081   1585   9442   CAUCACCU   U CACAACCU   7708   GUGAUGAG   GCCGULAGGC   CGRA   AGAGCGCC   26084   1589   9426   AUCACCU   U CACAACCU   7710   AGAGUGGC   CUGAUGAG   GCCGULAGGC   CGRA   AGAGCGCC   26084   1589   9426   AUCACCU   U CACAACCU   7711   AAGUGGC   CUGAUGAG   GCCGULAGGC   CGRA   AGAGUGCC   CGRA   1589   9420   AUCACCACU   U GUGACGAU   7711   AAGUGGC   CUGAUGAG   GCCGULAGGC   CGRA   AAGUGGGC   CGRA   AGACCGC   CGRA   CGCGAGGC   CGRA   CGCGAGGC   CGRA   CGCGAGGC   CGRA   CGCGAGGC   CGRA   CGCGAGGC   CGRA   C										
1552   9478   CCUIUGAU C UUCIUGAG   7699   CCAGAGA CUGAUGAG CCCGUUAGGC CGAA AUCIGAGG   26074   1555   9475   CUGAUCUU C UUCIUGAGA   7699   UUCICCAGA CUGAUGAG CCCGUUAGGC CGAA AAGAUCAG   26075   1557   9473   GAUCUUCU C UGGAGAA   7699   UUCICCAGA CUGAUGAG CCCGUUAGGC CGAA AAGAUCAG   26075   1557   9473   GAUCUUCU C UGGAGAA   7700   MUGUCCA CUGAUGAG GCCGUUAGGC CGAA AAGAUCAG   26075   1565   9465   CUGGAGAU A ACAUCCAU   7701   AUGABUGU CUGAUGAG GCCGUUAGGC CGAA AAGAUCAG   26077   1570   9460   GAUAACAU C CAUGACGG   7702   GAUGAGAG CUGAUGAG GCCGUUAGGC CGAA AAGAUCAG   26077   1589   9450   AUGACGGU U CUUCCAUC   7703   GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA AACCGUCAU   26079   1581   9449   UGACGGUU C CUCCAUCA   7704   UGAUGAGA CUGAUGAG GCCGUUAGGC CGAA AACCGUCAU   26079   1581   9449   UGACGGUU C CUCAUCAGC   7705   GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA AACCGUCAU   26080   1583   9447   ACGGUUCU U CCAUCAGC   7706   UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AACCGUCAU   26080   1584   9446   CAGGUUCU U C CAUCAGC   7706   UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAGACCGG   26081   1584   9446   CAGGUCCUU C CAUCAGC   7706   UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAGACCG   26081   1584   9446   CAGGUCCUU C CAUCAGCA   7706   UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAGAACCG   26082   1588   9442   UCUUCCAU C ACCACCA   7706   UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAGAACCG   26084   1589   9442   AUCACCUU U CACAACCU   7709   AGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AAGAACCG   26084   1608   9422   GCAUCACU U UCACAACU   7710   AGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGAGG   26085   1609   9421   AUCACCUU C ACCAACUU   7710   AGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAGG   26085   1619   9420   AUCACCUU U CACAACCU   7711   AAGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGUGAGG   26085   1619   9421   AUCACCUU C ACCAACUU   7711   AAGUUGAC CUGAUGAG GCCGUUAGGC CGAA AAGUGAGG   26085   1619   9421   AUCACCUU C ACCACCUU   7711   AAGUUGAC CUGAUGAG GCCGUUAGGC CGAA AAGUGAGG   26085   1618   9412   CACAACCUU U GUGACAGA   7712   AUGACACC CUGAUGAG GCCGUUAGGC CGAA AAGUGAGG   26085   1618   9421   CACACCUU U	<del></del>									
1554	<b>}</b> ——									
1555	<b></b>									
1557   9473   GAUCUUCU C UGGAGAUA   7700   UAUCUCCA CUGAUGAG   GCGUUAGGC   GGAA AUGUCCAG   26077   1565   9465   CUGAUGAU A ACAUCCAU   7701   AUGGAUGU CUGAUGAG   GCCGUUAGGC   GGAA AUGUCCAG   26077   1580   9450   AUGACGGU C UGUCCAUC   7703   GAUGGAAG   CUGAUGAG   GCCGUUAGGC   GGAA AUGUCCAG   26079   1581   9449   UGACGGUU C UCUCCAUC   7704   UGAUGGAG   GCCGUUAGGC   GGAA AUGUCCAG   26079   1581   9449   UGACGGUU C UCUCCAUC   7704   UGAUGGAG   GCCGUUAGGC   GGAA ACCGUCAU   26079   1583   9447   ACGGUUCU C   CAUCAGC   7705   GCUGAUGGA   CUGAUGAG   GCCGUUAGGC   GGAA ACCGUCAU   26081   1588   9446   CCGGUUAGC   CAUCAGCA   7706   GCUGAUGGA   GCCGUUAGGC   GGAA ACCGUCAU   26081   1588   9444   UCUUCCAU   C AUCAGCA   7706   GCUGAUGG   GCCGUUAGGC   GGAA AGGACGG   26081   1588   9442   UCUUCCAU   C AUCAGCAC   7707   CGGCUGCU   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGAGA   26081   1588   9422   GCAUCAGCC   7707   CGGCUGCU   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGAGA   26081   1608   9422   GCAUCAGC   7708   GUGAUGAG   GCCGUUAGGC   GGAA AUGAGAGA   26081   1608   9422   GCAUCAGCU   U CACAACUU   7710   AAGUUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGAG   26081   1610   9420   AUCACUU   CACAACUU   7711   AAGUUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGAG   26081   1617   9411   UCACAACUU   U GUACAGAU   7711   AAGUUGU   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGGAC   26084   1618   9412   CACAACUU   U GUACAGAU   7713   AUCUCAC   CUGAUGAG   GCCGUUAGGC   GGAA AUGAGGAC   26086   1618   9412   CACAACUU   U GUACAGAU   7713   AUCUCAC   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGC   GGAA AUGUGGC   GGAA AUGUGGC   GGAA AUGAGGC   CACAGCGU   7714   AUCUCAC   CUGAUGAG   GCCGUUAGGC   GGAA AUGUGGC   GGAA AU	<del></del>									
1555   9465										
1570   9460   GNUARCRU C CAUGACGG   7702   CCGUCAUG CUGAUGAG   GCCGULAGGC   CGAA AUGUUAUC   26078   1580   9450   AUGACGGU U CUUCCAUC   7704   UGAUGGAA CUGAUGAG   GCCGULAGGC   CGAA ACCGUCAU   26078   1581   9447   VIGACGGUU CUCCAUCA   7704   UGAUGGAA CUGAUGAG   GCCGULAGGC   CGAA ACCGUCA   26080   1583   9447   ACGGUUCU U CCAUCAGC   7705   GCUGAUGG   CUGAUGAG   GCCGULAGGC   CGAA AGACCGU   26081   1584   9446   CGGUUAUG C   CAUCAGC   7706   UGCUGAUG   CUGAUGAG   GCCGULAGGC   CGAA AGACCGU   26081   1588   9442   UCUUCCAU C   ACGACCCG   7707   CGGCUGCU   CUGAUGAG   GCCGULAGGC   CGAA AGGACCG   26081   1608   9422   GCACACCU U   UCACAACU   7708   GUGAAAGU   CUGAUGAG   GCCGULAGGC   CGAA AUGGAAGA   26083   1608   9422   GCACACCU   U CACAACCU   7709   AGUUGUA   CUGAUGAG   GCCGULAGGC   CGAA AUGGAAGA   26085   1609   9422   CAUCACCU   U CACAACCU   7710   AAGUUGUG   CUGAUGAG   GCCGULAGGC   CGAA AUGGAAGA   26085   1610   9420   AUCACCU   U CACAACCU   7711   AAAGUUGU   CUGAUGAG   GCCGULAGGC   CGAA AUGGAAG   26085   1611   9413   UCACAACCU   U GUGACGA   7712   UGGUCACA   CUGAUGAG   GCCGULAGGC   CGAA AUGUGUG   26086   1618   9412   CACAACUU   GUGACGA   7712   UGGUCACA   CUGAUGAG   GCCGULAGGC   CGAA AUGUGUG   26086   1618   9412   CACAACUU   GUGACGA   7713   AUCGUCAC   CUGAUGAG   GCCGULAGGC   CGAA AUGUGUG   26089   1627   9394   GGUGAGGAU   AGUGAUC   7714   AGCUCACC   CUGAUGAG   GCCGULAGGC   CGAA AUGUGUG   26089   1636   9394   GGUGAGCU   AUGAGGG   7715   CUGAUGAG   GCCGULAGGC   CGAA AUGUGUC   26089   1656   9355   GCCGAUGU   CCCAUCAA   7715   UGAUGGG   CUGAUGAG   GCCGULAGGC   CGAA AUGUGG   26091   1656   9355   GCCGAUGU   CCCAUCAA   7715   UGAUGGG   CUGAUGAG   GCCGULAGGC   CGAA ACCUCGC   26091   1656   9355   GCCGAUGU   CCCAUCAA   7715   UGAUGGG   CUGAUGAG   GCCGULAGGC   CGAA ACCUCGC   26091   1659   9335   GUUCACC   CAGACCU   7718   AGCUGCU   CUGAUGAG   GCCGULAGGC   CGAA AUGUGGC   CGAA ACCUCGC   26091   1659   9335   GUUCAGCU   CUGAUGAG   CCCGULAGGC   CCCAUCAGC   CAGACCU   CAGACCU   CAGACCU   CAGACCU   CAGACCU   CAGACCU   C	1557	9473	GAUCUUCU C UGGAGAUA							<del></del>
1580   9450   AUGACGGU U CUUCCAUC   7703   GAUGGAAG CUGAUGAG CCGUUAGGC CGAA ACCGUCAU   26079   1581   9449   UGACGGUU C UUCCAUCA   7704   UGAUGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCGUCA   26081   1584   9447   ACGGUUCU U CCAUCAGC   7705   GUGAUGAG GCCGUUAGGC CGAA ACGACCGU   26081   1584   9446   CGGUUCUU C CAUCAGCA   7706   UGCUGAUGA GCCGUUAGGC CGAA AGAACCGU   26081   1588   9442   UCUUCCAU C AGCAGCG   7707   CGGCUGCU CUGAUGAG GCCGUUAGGC CGAA AGAACCGU   26082   1588   9442   UCUUCCAU C ACGAGCG   7707   CGGCUGCU CUGAUGAG GCCGUUAGGC CGAA AUGGAACG   26082   1588   9442   GCGUCAU C ACUNUCAC   7708   GUGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGGAACG   26083   1604   9426   GGGCGCAU C ACUNUCAC   7708   GUGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGGACCG   26084   1608   9422   GCAUCACU U UCACAACUU   7710   AGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AUGGCCCC   26084   1609   9421   CAUCACUU C ACAACUU   7711   AAAGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG   26086   1610   9420   AUCACUUU C ACAACUU   7711   AAAGUUGU CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG   26087   1617   9413   UCACAACUU U UGUACGAA   7712   UCGUCACA CUGAUGAG GCCGUUAGGC CGAA AAGUGUGU   26087   1618   9412   CACACUU U UGUACGA   7713   ACCUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUUGU   26087   1618   9412   CACACUU U GUGACGAU   7714   ACCUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUG   26089   1627   9403   GUGACGAU A GGUGACGU   7714   ACCUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUUGCG   26091   1636   9394   GUGACGAU C AUGACAGC   7716   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1665   9365   GCCGAUGU U CCCCAUCA   7716   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1666   9364   CCGAUGUU C CACACCU   7718   ACCUCAU CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1669   9340   AAGCACCU C AUGACAGC   7716   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1669   9340   AAGCACCU C AGCACCU   7718   ACCUCAU CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1699   9340   AAGCACCU C AGCACCU   7718   ACCUCAU CUGAUGAG GCCGUUAGGC CGAA ACCUCAG   26091   1699   9331   AGCUUCAU U CACAGGU C AAGCACCU C AGCACAG   7718   ACCUCAGA	1565	9465	CUGGAGAU A ACAUCCAU	7701	AUGGAUGU CU	JGAUGAG	GCCGUUAGGC			26077
1581   9449	1570	9460	GAUAACAU C CAUGACGG	7702	CCGUCAUG CU	JGAUGAG	GCCGUUAGGC	CGAA	AUGUUAUC	26078
1583   9447   ACGUUCU U CCAUCAGC   7705   GCUGAUGAG CUGAUGAG   GCCGUUAGGC   GAA AGAACCGU   26081   1584   9446   GCGUULU C CAUCAGCA   7706   UGCUGAUG CUGAUGAG   GCCGUUAGGC   GAA AGAACCGU   26081   1588   9442   CUUUCCAU C AGCAGCCG   7707   GGGCUGCU CUGAUGAG   GCCGUUAGGC   GCAA AUGGAAGA   26083   1604   9426   GGGCGAU C ACUUUCAC   7708   GUGAAAGU   CUGAUGAG   GCCGUUAGGC   GCAA AUGGAAGA   26083   1608   9422   GCAUCACU U UCACAACU   7709   AGUUGUGA   CUGAUGAG   GCCGUUAGGC   GCAA AUGGAAGA   26084   1608   9421   CAUCACUU U CACAACUU   7710   AAGUUGUG   CUGAUGAG   GCCGUUAGGC   GCAA AUGGAGG   26086   1610   9420   AUCACACUU   UGUGACGA   7711   AAGUUGU   CUGAUGAG   GCCGUUAGGC   GCAA AAGUGAUG   26086   1610   9420   AUCACACUU   UGUGACGA   7711   AAGUUGU   CUGAUGAG   GCCGUUAGGC   GCAA AAGUGAUG   26086   1618   9412   CACACUU   UGUGACGA   7712   UCGUCACA   CUGAUGAG   GCCGUUAGGC   GCAA AAGUUGUG   26089   1618   9412   CACACUU   UGUGACGA   7713   AUGGUCAC   CUGAUGAG   GCCGUUAGGC   GCAA AAGUUGUG   26089   1627   9403   GUGACGAU   A GUGACGAU   7714   AGCUCAC   CUGAUGAG   GCCGUUAGGC   GCAA AUGUGGC   26091   1635   9394   GGUGAGCU   CAUCAGA   7715   CCAUCAUU   CUGAUGAG   GCCGUUAGGC   GCAA AUGUGGC   26091   1635   9394   GGUGAGCU   CAUCAGA   7716   UGAUGAGG   CUGAUGAG   GCCGUUAGGC   GCAA ACUUCGC   26091   1636   9364   CCGAUGU   CCCCAUCA   7716   UGAUGAGG   CUGAUGAG   GCCGUUAGGC   GCAA ACUUCGC   26092   1666   9364   CCGAUGU   CCCCAUCA   7716   UGAUGAGG   CUGAUGAG   GCCGUUAGGC   GCAA ACUUCGC   26092   1669   9340   AAGCACCU   AGCUCAU   7718   AGCUGCU   CUGAUGAG   GCCGUUAGGC   GCAA ACUUCGC   26092   1699   9340   AAGCACCU   AGCUCAU   7720   AUGAUGGG   CUGAUGAG   GCCGUUAGGC   GCAA ACUUCGC   26092   1699   9340   AAGCACCU   AGCUCAU   7720   AUGAGGC   CUGAUGAG   GCCGUUAGGC   GCAA ACCUCC   26096   1699   9334   AUGAGCCU   AGCUCAU   7720   AUGAACG   CUGAUGAG   GCCGUUAGGC   GCAA AGCUCAC   26096   1699   9334   AUGAGCCU   AGCUCAU   7720   AUGAACG   CUGAUGAG   GCCGUUAGGC   GCAA AGCUCAC   26096   1699   9334   AUGACCU   AGCUCAC   7720	1580	9450	AUGACGGU U CUUCCAUC	7703	GAUGGAAG CU	JGAUGAG	GCCGUUAGGC	CGAA	ACCGUCAU	26079
1584   9446   CGGUUCUU C CAUCAGCA   7706   UGCUGAUG CUGAUGAG   GCCGUUAGGC   CGAA AAGAACCG   26082   1588   9442   UCUUCCAU C AGCAGCCG   7707   CGGCUGCU CUGAUGAG   GCCGUUAGGC   CGAA AAGAACCG   26082   1604   9426   GGGCGCAU C ACUUUCAC   7708   GUGAAAGU   UCAGAAGG   CGGUUAGGC   CGAA AUGGGCC   26084   1608   9422   GCAUCACU U UCACAACU   7709   AGUUGUGA   CUGAUGAG   GCCGUUAGGC   CGAA AUGGGCC   26084   1608   9421   CAUCACUU U CACAACUU   7710   AAGUUGUG   CUGAUGAG   GCCGUUAGGC   CGAA AGUGAUG   26085   1610   9420   AUCACCUU U CACAACUU   7711   AAGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAU   26085   1610   9420   AUCACACUU U GUGACGA   7712   UCGUCACA   CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAU   26086   1618   9412   CACAACUU U GUGACGA   7712   UCGUCACA   CUGAUGAG   GCCGUUAGGC   CGAA AAGUUGUG   26088   1618   9412   CACAACUU U GUGACGAU   7713   AUCGUCAC   CUGAUGAG   GCCGUUAGGC   CGAA AAGUUGUG   26089   1627   9403   GUGACGAU   7714   AGCUCACC   CUGAUGAG   GCCGUUAGGC   CGAA AUCUUCAC   26090   1636   9394   GGUGAGGU   CACACUU   7714   AGCUCACC   CUGAUGAG   GCCGUUAGGC   CGAA AUCUUCAC   26090   1636   9394   GGUGAGGU   CCCCAUCAA   7715   UCGAUGAG   GCCGUUAGGC   CGAA ACAUCGC   26091   1666   9364   CCGAUGUU   CCCCAUCAA   7716   UCGAUGAG   GCCGUUAGGC   CGAA ACAUCGC   26091   1666   9364   CCGAUGUU   CCCCAUCAA   7717   UUGAUGAG   GCCGUUAGGC   CGAA ACAUCGC   26091   1669   9358   UUCCCCAU   C AAGCACCU   7718   AGCUCCU   UCGAUGAG   GCCGUUAGGC   CGAA AACAUCGG   26092   1691   9339   AAGCACCU   C AAGCACCU   7718   AGCUCCU   UCGAUGAG   GCCGUUAGGC   CGAA AACAUCGG   26093   1690   9340   AAGCACCU   AGCUCCU   7725   AUGAGAGC   CUGAUGAG   GCCGUUAGGC   CGAA AAGUCCU   26095   1699   9331   AGCUCCUU   C AUCUCAU   7722   AUCUCAU   GCUCAUGAG   GCCGUUAGGC   CGAA AAGUCCU   26095   1699   9331   AGCUCCUU   C AUCUCAU   7722   GAAAAGC   CUGAUGAG   GCCGUUAGGC   CGAA AAGUCCU   26095   1699   9331   AGCUCCUU   C AUCUCAC   7725   GUCAUGAG   GCCGUUAGGC   CGAA AAGUCCU   26096   1699   9331   AGCUCCUU   C AUCUCAC   7725   GACAUGAG   CUGAUGAG   GCCGUUA	1581	9449	UGACGGUU C UUCCAUCA	7704	UGAUGGAA CU	JGAUGAG	GCCGUUAGGC	CGAA	AACCGUCA	26080
1588   9442   UCUUCCAU C AGCAGCCG   7707   CGGCUGCU CUGAUGAG   GCCGUUAGGC   CGAA AUGGAGA   26083   1604   9426   GGGCGCAU C ACUUUCAC   7708   GUGAAAGU CUGAUGAG   GCCGUUAGGC   CGAA AUGCGCC   26084   1608   9422   GCACCACU U UCACAACU   7710   AAGUUGUGA   CUGAUGAG   GCCGUUAGGC   CGAA AUGCGCC   26084   1609   9421   CAUCACUU U CACAACUU   7711   AAGUUGUG CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAUG   26085   1610   9420   AUCACCUU U CACAACUU   7711   AAAGUUGU CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAUG   26086   1610   9420   AUCACACUU U GUGACGAA   7712   UCGUCACA   CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAU   26087   1617   9413   UCCACACU U GUGACGAA   7712   UCGUCACA   CUGAUGAG   GCCGUUAGGC   CGAA AAGUGAU   26088   1627   9403   GUGACGAU A GUGGACGA   7713   AUCGUCAC   CUGAUGAG   GCCGUUAGGC   CGAA AGUUGUG   26089   1627   9403   GUGACGAU A GUGACGAC   7714   AGCUCACC   CUGAUGAG   GCCGUUAGGC   CGAA AGCUCAC   26090   1636   9394   GGUGAGCU   AAUGAUGAC   7715   UGAUGAGG   GCCGUUAGGC   CGAA AGCUCAC   26090   1665   9364   CCGAUGAU   CCCCAUCAA   7716   UGAUGAGG   GCCGUUAGGC   CGAA ACAUCGG   26092   1666   9364   CCGAUGAU   CCCCAUCAA   7717   UUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1672   9356   UUCCCCAU   CAACACCU   7718   AGCUGCU   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1699   9340   AAGCACCU   CAACACCU   7718   AGCUGCU   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1699   9340   AAGCACCU   AGCUACAU   7720   AGUGGCU   CUGAUGAG   GCCGUUAGGC   CGAA AGCUACA   26095   1699   9334   CUUACGUU   CAUUUUCC   7722   GGAAAAUG   CUGAUGAG   GCCGUUAGGC   CGAA AGCUACAU   26095   1699   9334   CUUACGUU   CAUUUUCC   7723   GGAAAAUG   GCCGUUAGGC   CGAA AGCUACAU   26095   1699   9334   CUUACGUU   CAUUUUCC   7723   GGAAAAUG   GCCGUUAGGC   CGAA AGCUACAU   26096   1699   9334   CUUACGUU   CAUUUCCA   7724   ACUUGGAA   CUGAUGAG   GCCGUUAGGC   CGAA AGCUACAU   26096   1699   9334   CUUACAUU   CAAGUCAG   7726   GACAUGAG   GCCGUUAGGC   CGAA AGCUACA   26096   1699   9331   AGCUCAU   CAAGUCAG   7726   GACAUGAG   CCGAUGAGG   CGAA AGCUACA   26096   16	1583	9447	ACGGUUCU U CCAUCAGC	7705	GCUGAUGG CU	JGAUGAG	GCCGUUAGGC	CGAA	AGAACCGU	26081
1604   9426   GGGCGCAU C ACUUUCAC   7708   GUGAAAGU CUGAUGAG   GCCGUUAGGC CGAA AUGCGCCC   26084   1608   9422   GCAUCACU U UCACAACU   7710   AGUUGUGA CUGAUGAG   GCCGUUAGGC CGAA AUGCGAUGC   26086   1610   9420   AUCACUUU C ACAACUUU   7711   AAGUUGU CUGAUGAG   GCCGUUAGGC CGAA AAGUGAUG   26086   1610   9420   AUCACUUU C ACAACUUU   7711   AAAGUUGU CUGAUGAG   GCCGUUAGGC CGAA AAGUGAUG   26086   1610   9420   AUCACUUU C ACAACUUU   7711   AAAGUUGU CUGAUGAG   GCCGUUAGGC CGAA AAGUGAU   26087   1617   9413   UCACAACUU U GUGACGA   7712   UCGUCACA CUGAUGAG   GCCGUUAGGC CGAA AAGUUGUGA   26088   1618   9412   CACAACUU U GUGACGA   7713   AUCGUCAC CUGAUGAG   GCCGUUAGGC CGAA AAGUUGUG   26089   1627   9403   GUGACGAU   A GUGAGGAU   7714   AGCUCACC CUGAUGAG   GCCGUUAGGC CGAA AAGUUGC   26090   1636   9394   GGUGAGGU   C AAUGAUGG   7715   CCAUCAUU   CUGAUGAG   GCCGUUAGGC CGAA AAGUCACC   26091   1665   9365   GCCGAUGU   CCCCAUCAA   7717   UUGAUGGG   CUGAUGAG   GCCGUUAGGC CGAA ACAUCGGC   26091   1666   9364   CCCGAUGAU   CCCCAUCA   7716   UUGAUGGG   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGGC   26091   1672   9358   UUCCCCAU   C AAGCACCU   7718   AGCUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1672   9358   UUCCCCAU   C AAGCACCU   7718   AGCUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAUCGG   26093   1699   9340   AAGCACCU   AGCUCAU   7720   AUGAAGCC   CUGAUGAG   GCCGUUAGGC   CGAA   ACCUCCU   26095   1699   9340   AAGCACCU   AGCUUCAU   7720   AUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCU   26095   1699   9331   AGCAUCAU   C AUUUUCCA   7721   AAUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCU   26095   1699   9334   AAGCACCU   CAUUUUCCA   7722   GGAAAAUC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCU   26096   1699   9334   AAGCACCU   CAUUUCCA   7723   UUGAGAG   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCAU   26096   1699   9334   AGCACCU   CAUUUCCA   7723   UGGAAAAU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCAU   26096   1699   9334   AGCACCU   CAUUUCCA   7725   GACUUGAG   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUCA   26100   1700   9328   UUCAUUU   C	1584	9446	CGGUUCUU C CAUCAGCA	7706	UGCUGAUG CU	JGAUGAG	GCCGUUAGGC	CGAA	AAGAACCG	26082
1604   9426   GGGCGCAU C ACUUUCAC   7708   GUGAAAGU CUGAUGAG   GCCGUUAGGC CGAA AUGCGCCC   26084   1608   9422   GCAUCACU U UCACAACU   7710   AGUUGUGA CUGAUGAG   GCCGUUAGGC CGAA AGUGAUGC   26085   1610   9421   CAUCACUU C ACAACUU   7711   AAGUUGU CUGAUGAG   GCCGUUAGGC CGAA AAGUGAUG   26086   1610   9420   AUCACUU C ACAACUU   7711   AAGUUGU CUGAUGAG   GCCGUUAGGC CGAA AAGUGAU   26086   1610   9420   AUCACUU U GUGACGA   7712   UCGUCACA CUGAUGAG   GCCGUUAGGC CGAA AAGUGAU   26087   1617   9413   UCACAACU U UGUGACGA   7712   UCGUCACA CUGAUGAG   GCCGUUAGGC CGAA AAGUUGUGA   26088   1618   9412   CACAACUU U GUGACGAU   7713   AUCGUCAC CUGAUGAG   GCCGUUAGGC CGAA AAGUUGUG   26089   1627   9403   GUGACGAU   A GGUGAGCU   7714   AGCUCAC CUGAUGAG   GCCGUUAGGC CGAA AAGUUGUG   26099   1636   9394   GGUGACGU   C AAUGAUGG   7715   CCAUCAUU   CUGAUGAG   GCCGUUAGGC CGAA AAGUCACC   26091   1665   9365   GCCGAUGU   C CCCAUCAA   7717   UUGAUGGG   CUGAUGAG   GCCGUUAGGC CGAA ACAUCGC   26091   1666   9364   CCGAUGUU   C CCCAUCAA   7717   UUGAUGGG   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1672   9358   UUCCCCAU   C AAGCACCU   7718   AGCUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGG   26093   1669   9340   AAGCACCU   AAGCACCU   7718   AGGUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   ACCUCAU   26095   1691   9339   AGCACCU   AGCUCAU   7720   AUGAAGCC   CUGAUGAG   GCCGUUAGGC   CGAA   ACCUCAU   26095   1691   9339   AGCACCU   AGCUCAU   7721   AAUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUUCU   26095   1695   9335   CCUUAGCU   C AUUUUCCA   7722   GGAAAAUC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUUCU   26095   1699   9331   AGCUUCAU   C AUUUUCCA   7723   UGGAAAAU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUCAU   26095   1699   9331   AGCUUCAU   UUCCAAGU   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUAGC   26098   1699   9331   AGCUUCAU   UUCCAAGU   7725   GACUUGAG   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUAGC   26100   1700   9328   UUCAUUU   C CAAGUCAG   7726   GGAAAAU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGUAGC   26100   1700   9328   UUCAUUU   C CAAGUCAG	1588	9442	UCUUCCAU C AGCAGCCG	7707	CGGCUGCU CU	JGAUGAG	GCCGUUAGGC	CGAA	AUGGAAGA	26083
1608   9422   GCAUCACU U UCACAACU   7710   AGUUGUGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC   26085   1609   9421   CAUCACUU U CACAACUU   7711   AAGUUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG   26086   1610   9420   AUCACUUU C ACAACUU   7711   AAAGUGUGU CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG   26086   1617   9413   UCACAACU U UGUGACGA   7712   UCGUCACA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG   26086   1618   9412   CACAACUU U GUGACGAU   7713   AUCGUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUGUGA   26089   1627   9403   GUGACGAU A GGUGAGCU   7714   AGCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUCA   26090   1636   9394   GGUGAGCU C AAUCAGGG   7715   CCAUCAUU UGAUGAG GCCGUUAGGC CGAA AACUCACC   26091   1665   9365   GCCGAUGU U C CCCAUCAA   7716   UGAUGAG GCCGUUAGGC CGAA AACUCACC   26091   1666   9364   CCGAUGUU C CCCAUCAA   7717   UUGAUGAG CUGAUGAG GCCGUUAGGC CGAA AACAUCGGC   26092   1666   9364   CCGAUGUU C CCCAUCAA   7717   UUGAUGAG GCCGUUAGGC CGAA AACAUCGGC   26092   1669   9349   AAGCACCU C AAGCACCU   7718   AGCUGCUU CUGAUGAG GCCGUUAGGC CGAA AACAUCGGC   26094   1691   9349   AAGCACCU C AAGCACCU   7719   AGGUGCUU CUGAUGAG GCCGUUAGGC CGAA AACAUCGGC   26095   1691   9340   AAGCACCU C AAGCACCU   7719   AGGUGCUU CUGAUGAG GCCGUUAGGC CGAA AACGUGCUU   26095   1691   9339   AGCACCUU A GCUUCAUU   7720   AUGAAGCU CUGAUGAG GCCGUUAGGC CGAA AACGUGCUU   26095   1691   9339   AGCACCUU A GCUUCAUU   7721   AUGAAGCU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUU   26095   1699   9334   CUUAGCUU C AUUUUCCA   7722   AUGAAACU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUU   26095   1699   9334   AGCUCCUU U CAUUUUCCA   7722   AUGAAACU CUGAUGAG GCCGUUAGGC CGAA AAGUGCUU   26095   1699   9334   AGCUCCUU U CAUUUUCCA   7722   GAAAAUG CUGAUGAG GCCGUUAGGC CGAA AAGUGCU   26096   1699   9334   AGCUCCUU U UUCCAAGU   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUGCU   26096   1699   9334   AGCUCCUU U UUCCAAGU   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAC   26101   1700   9329   CUUCAUGU U UUCCAAGU   7726   UGACUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAC   26101   1700   9328   UUCCAGU C CAAGCAG   7736   CU	<u> </u>			7708	GUGAAAGU CU	JGAUGAG	GCCGUUAGGC	CGAA	AUGCGCCC	26084
1609   9421							<del></del>			
1610   9420   AUCACUUU C ACAACUUU   7711   AAAGUUGU CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 26087   1617   9413   UCCACAACU U UGUGACGA   7712   UCGUCACA CUGAUGAG GCCGUUAGGC CGAA AAGUUGUCA 26088   1618   9412   CACAACUU U GUGACGAU   7713   AUCGUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUCA 26089   1627   9403   GUGACGAU A GGUGAUGAC   7714   AGCUCAC CUGAUGAG GCCGUUAGGC CGAA AAGUUGUCA 26090   1636   9394   GGUGAGUU A GGUGAUGA   7715   CCAUCAUU CUGAUGAG GCCGUUAGGC CGAA AAGUCACC   26090   1636   9394   GGUGAUGU C CACAUCA   7716   UGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1665   9365   GCCGAUGUU C CCCCAUCA   7716   UGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCUCAC   26091   1666   9364   CCGAUGAU C CACAUCA   7717   UUGAUGAG GCCGUUAGGC CGAA AACUCGGC   26092   1672   9358   UUCCCCAU C AAGCACCU   7718   AGCUCCUU CUGAUGAG GCCGUUAGGC CGAA AACUCGGC   26094   1681   9349   AAGCACCU C AAGCACCU   7719   AAGGAGCU CUGAUGAG GCCGUUAGGC CGAA AACUCGG   26095   1690   9340   AAGCACCU C AAGCACCU   7720   AUGAAGC CUGAUGAG GCCGUUAGGC CGAA AAGCUGCUU   26095   1691   9339   AGCACCUU A GCUUCAU   7721   AAUGAAGC CUGAUGAG GCCGUUAGGC CGAA AAGCUGCU   26096   1695   9334   CUUAGCU C CAUUUCCC   7722   GGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAGG   26097   1695   9334   CUUAGCU C AUUUUCC   7722   GGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG   26098   1699   9334   AGCUACUU C AUUUUCCA   7723   UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG   26096   1699   9334   AGCUACUU U CCCAAGUC   7725   GACUUGAG GCCGUUAGGC CGAA AAGCUAAG   26096   1699   9331   AGCUCAUU U CCCAAGUC   7725   GACUUGAG GCCGUUAGGC CGAA AAGCUAAG   26099   1699   9331   AGCUCAUU U CCCAAGUC   7725   GACUUGAG GCCGUUAGGC CGAA AAGCUAAG   26101   1701   9329   CUUCAUUU U CCAAGUC   7726   UGACUGA GCCGUUAGGC CGAA AAAUGAAC   26101   1702   9328   UUCAUGUU C CAAGUCA   7726   UGACUGA GCCGUUAGGC CGAA AAAUGAAC   26101   1704   9329   CUUCAUU U CCAAGUC   7726   UGACUGA GCCGUUAGGC CGAA AAAUGAAC   26101   1704   9329   CUUCAGUU C CAAGCAC   7736   CUGACGAG GCCGUUAGGC CGAA AAUGAGC   26106   1729   9315   UCAGCUC C GAG				ļ	<u> </u>					<del></del>
1617   9413				<u> </u>			<del></del>			
1618   9412   CACAACUU U GUGACGAU   7713   AUCGUCAC CUGAUGAG   GCCGUUAGGC   CGAA AAGUUGUG   26089   1627   9403   GUGACGAU A GUGAGCU   7714   AGCUCACC CUGAUGAG   GCCGUUAGGC   CGAA AUCGUCAC   26090   1636   9394   GGUGAGCU C AAUGAUGG   7715   CCAUCAUU CUGAUGAG   GCCGUUAGGC   CGAA AUCGUCAC   26091   1665   9365   GCCGAUGU U CCCCAUCA   7716   UGAUGGGG   CGGAUGAGG   GCCGUUAGGC   CGAA ACAUCGGC   26092   1666   9364   CCGAUGUU C CCCAUCAA   7717   UUGAUGGG   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGGC   26092   1672   9358   UUCCCCAU C   AAGCACCU   7718   AGCUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAUCGGC   26094   1681   9349   AAGCACCU   C   AAGCACCU   7719   AGGUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   AGCUGCUU   26095   1699   9340   AAGCACCU   A GCUUCAU   7720   AUGAAGCU   CUGAUGAG   GCCGUUAGGC   CGAA   AGGUGCUU   26095   1691   9339   AGCACCU   A GCUUCAU   7721   AAUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AGGUGCUU   26096   1691   9339   AGCACCU   CAUUUUCC   7722   GGAAAAUG   CUGAUGAG   GCCGUUAGGC   CGAA   AGGUGCUU   26096   1695   9335   CCUUAGCU   CAUUUUCC   7722   GGAAAAUG   CUGAUGAG   GCCGUUAGGC   CGAA   AGGUGAG   26098   1699   9331   AGCUUCAU   U UUCCAAGU   7724   ACUUGGAA   CUGAUGAG   GCCGUUAGGC   CGAA   AGCUAAG   26099   1699   9331   AGCUUCAU   U UCCAAGUC   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUAAG   26099   1700   9330   GCUUCAUU   U   UCCAAGUC   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAGC   26100   1701   9329   CUUCAUUU   CCAAGUCA   7726   UGACUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAGC   26101   1701   9329   CUUCAUUU   CAAGUCA   7726   UGACUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAG   26102   1702   9328   UUCCAGUU   CAGAUCAC   7728   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAG   26104   1713   9317   AGUCAGCU   C AGCACAG   7726   UGACCGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAG   26104   1713   9317   AGUCAGCU   C AGCACAG   7736   UGACCGG   CUGAUGAG   GCCGUUAGGC   CGAA   AACCCGG   CGAA   ACCCGG   CGAA   CGCGUCAGC   CGAA   CGCGUCAG   CGAA   CGCGUCAG   CGAA   CGCGUCAG   CGAA		<del></del> -								
1627   9403   GUGACGAU A GGUGAGCU   7714   AGCUCACC CUGAUGAG   GCCGUUAGGC   CGAA AUCGUCAC   26090   1636   9394   GGUGAGCU C AAUGAUGG   7715   CCAUCAUU CUGAUGAG   GCCGUUAGGC   CGAA AGCUCACC   26091   1665   9365   GCCGAUGU U CCCCAUCA   7716   UGAUGGG   CUGAUGAG   GCCGUUAGGC   CGAA ACAUCGGC   26092   1666   9364   CCCGAUGU C   CCCAUCAA   7717   TUGAUGGG   CUGAUGAG   GCCGUUAGGC   CGAA   ACAUCGGC   26093   1672   9358   UUCCCCAU C   AAGCACCU   7718   AGCUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   ACAUCGGC   26094   1681   9349   AAGCACCU   C   AAGCACCU   7719   AGGUGCUU   CUGAUGAG   GCCGUUAGGC   CGAA   AGCUGCUU   26095   1690   9340   AAGCACCU   U AGCUUCAU   7720   AUGAAGCU   CUGAUGAG   GCCGUUAGGC   CGAA   AGGUGCUU   26096   1691   9339   AGCACCU   U AGCUUCAU   7721   AAUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGGUGCU   26096   1691   9339   AGCACCU   C CAUUCAUU   7721   AAUGAAGC   CUGAUGAG   GCCGUUAGGC   CGAA   AAGGUGCU   26096   1696   9334   CUUAGCU   C CAUUUACC   7722   GGAAAAUG   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUAAG   26098   1696   9334   CUUAGCU   C AUUUUCCA   7723   UGGAAAU   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUAAG   26099   1699   9331   AGCUUCAU   U UUCCAAGU   7724   ACUUGGAA   CUGAUGAG   GCCGUUAGGC   CGAA   AAGCUAAG   26099   1699   9331   AGCUUCAUU   U UCCAAGUC   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAGCU   26100   1700   9329   CUUCAUUU   C CCAAGUCA   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAGC   26101   1701   9329   CUUCAUUU   C CCAAGUCA   7725   GACUUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   AAUGAAG   26103   1708   9322   UUCCAUGU   C CAAGUCAG   7727   CUGACUUG   CUGAUGAG   GCCGUUAGGC   CGAA   AAAUGAA   26103   1708   9322   UUCCAUGU   C CAAGUCAG   7728   CUGACUG   CUGAUGAG   GCCGUUAGGC   CGAA   AAAUGAA   26103   1708   9322   UUCCAUGU   C CAAGUCAG   7730   CUGACUG   CUGAUGAG   GCCGUUAGGC   CGAA   AACCACCC   26107   1744   9286   AGCUGUC   C CUGAUGAG   7730   CUGACUG   GCCGUUAGGC   CGAA   AACCACCC   26107   1744   9286   AGCUGUC   C CAGCAGA   7731   CUGGCUG   CUGAUGAG   GC	<u> </u>		<del></del>							
1636   9394   GGUGAGCU C AAUGAUGG   7715   CCAUCAUU CUGAUGAG GCCGUUAGGC CGAA AGCUCACC   26091   1665   9365   GCCGAUGU U CCCCAUCA   7716   UGAUGGGG CUGAUGAG GCCGUUAGGC CGAA ACAUCGGC   26092   1666   9364   CCGAUGUU C CCCAUCAA   7717   UUGAUGGG CUGAUGAG GCCGUUAGGC CGAA ACAUCGGC   26092   1672   9358   UUCCCCAU C AAGCAGCU   7718   AGCUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA   26094   1681   9349   AAGCAGCU C AAGCACCU   7719   AGGUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA   26095   1690   9340   AAGCACCU U AGCUUCAU   7720   AUGAAGCU CUGAUGAG GCCGUUAGGC CGAA AGCUGCUU   26095   1691   9339   AGCACCU U AGCUCAU   7721   AAUGAAGC CUGAUGAG GCCGUUAGGC CGAA AGCUGCUU   26096   1691   9335   CCUUAGCU U CAUUUUCC   7722   GGAAAAUG CUGAUGAG GCCGUUAGGC CGAA AGCUGAUGA   26099   1699   9331   AGCUCAU U CAUUUUCCA   7723   UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AGCUAAGG   26099   1699   9331   AGCUCAU U UCCAAGU   7724   ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU   26100   1700   9330   GCUUCAUU U UCCAAGU   7724   ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU   26100   1701   9329   CUUCAUUU U CCAAGUC   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU   26101   1701   9329   CUUCAUUU U CCAAGUCA   7726   UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG   26101   1701   9329   CUUCAUUU U CCAAGUCA   7726   UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAA   26103   1708   9322   UUCAAGU C AGCUCUG   7726   UGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAA   26103   1708   9322   UUCAAGU C AGCUCUG   7726   UGACUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAA   26103   1708   9322   UUCCAAGU C AGCUCUG   7726   UGACUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAA   26103   1708   9322   UUCCAAGU C AGCUCUG   7726   UGACUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAA   26103   1708   9322   UUCCAAGU C AGCUCUG   7726   UGACUGG CUGAUGAG GCCGUUAGGC CGAA ACUUGGA   26105   1713   9317   AGUCAGGU C GAGCAGC   7731   CUGCUGG CUGAUGAG GCCGUUAGGC CGAA ACCCAC   26107   1744   9286   AGCUGGUU C GUGAUGAG   7730   CUGAUGAG GCCGUUAGGC CGAA ACCCAC   26107   1744   9286   AGCUGGUU C AGCCAGU   7734   GCACAGU C UGAUGAG GCCG	<u> </u>			<del></del>						
1665   9365   GCCGAUGU U CCCCAUCA   7716   UGAUGGG CUGAUGAG GCCGUUAGGC CGAA ACAUCGGC   26092   1666   9364   CCGAUGUU C CCCAUCAA   7717   UUGAUGGG CUGAUGAG GCCGUUAGGC CGAA AACAUCGG   26093   1672   9358   UUCCCCAU C AAGCACCU   7718   AGCUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGAGGGAA   26094   1681   9349   AAGCACCU C AAGCACCU   7719   AGGUGCUU CUGAUGAG GCCGUUAGGC CGAA AUGAGGGAA   26095   1690   9340   AAGCACCU U AGCUCAUU   7720   AUGAAGCU CUGAUGAG GCCGUUAGGC CGAA AGGUGCUU   26095   1691   9339   AGCACCUU A GCUUCAUU   7721   AAUGAAGC CUGAUGAG GCCGUUAGGC CGAA AAGGUGCUU   26097   1695   9335   CCUUAGCU U CAUUUUCCC   7722   GGAAAAUG CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU   26098   1696   9334   CUUAGCUU C AUUUUCCA   7723   UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAGG   26099   1699   9331   AGCUUCAU U UUCCAAGU   7724   ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG   26099   1699   9331   AGCUUCAU U UUCCAAGU   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAAGCUA   26100   1700   9330   GCUUCAUUU U CCAAGUCA   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAAGCACU   26100   1701   9329   CUUCAUUU U CCAAGUCA   7726   UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAGC   26101   1701   9329   CUUCAUUU C CAAGUCA   7726   UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAGC   26101   1701   9329   CUUCAUUU C CAAGUCA   7726   UGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAC   26102   1702   9328   UUCAUUUU C CAAGUCA   7727   CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA   26103   1708   9322   UUCCAAGU C AGCUCUGG   7728   CGAAGAGCU CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA   26103   1715   9315   UCAGCUCU C UGGUUGG   7728   CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA   26104   1713   9317   AGUCAGCU C UGAUGAG   7730   CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1744   9286   AGCUGUU C AUCAGCAU   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1744   9286   AGCUGUU C AUCAGCAU   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1744   9286   AGCUGUU C AUCAGCAU   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCGCU   26108   1759   9277   AUCAGCAU C AGCAC	<del></del>					~				
1666         9364         CCGAUGUU C CCCAUCAA         7717         UUGAUGGG CUGAUGAG         CCGUUAGGC CGAA AACAUCGG         26093           1672         9358         UUCCCCAU C AAGCAGCU         7718         AGCUGCUU CUGAUGAG         GCAGUUAGGC CGAA AUGGGGAA         26094           1681         9349         AAGCAGCU C AAGCACCU         7719         AGGUGCUU CUGAUGAG         GCCGUUAGGC CGAA AGGUGCUU         26095           1690         9340         AAGCACCU U AGCUUCAU         7720         AUGAAGCU CUGAUGAG         GCCGUUAGGC CGAA AGGUGCUU         26095           1691         9339         AGCACCUU A GCUUCAUU         7721         AAUGAAGG CUGAUGAG         CCGUUAGGC CGAA AAGCUAGG         26097           1695         9335         CCUUAGCU U CAUUUUCC         7722         GGAAAAUG CUGAUGAG         GCCGUUAGGC CGAA AAGCUAAG         26099           1696         9334         CUUAGCUU U UUCCAAGU         7724         ACUUGAA CUGAUGAG         GCCGUUAGGC CGAA AUGAAGCU         26100           1700         9330         GCUUCAUU U UCCAAGUC         7725         GACUUGAG         GCCGUUAGGC CGAA AAUGAACU         26101           1701         9329         CUUCAUUU U CCAAGUCA         7726         GACUUGAG         GCCGUUAGGC CGAA AAAUGAACU         26102           1702         9328         U			<u></u>	<b></b>						
1672         9358         UUCCCCAU C AAGCAGCU         7718         AGCUGCUU CUGAUGAG         GCCGUUAGGC         CGAA AUGGGGAA         26094           1681         9349         AAGCAGCU C AAGCACCU         7719         AGGUGCUU CUGAUGAG         GCCGUUAGGC         CGAA AGCUGCUU         26095           1690         9340         AAGCACCU U AGCUUCAUU         7720         AUGAAGCU CUGAUGAG         GCCGUUAGGC         CGAA AGGUGCUU         26096           1691         9339         AGCACCUU A GCUUCAUU         7721         AAUGAAGC CUGAUGAG         CCGUUAGGC         CGAA AAGGUACU         26097           1695         9334         CUUAGCUU C AUUUUCCA         7722         GGAAAAU         CUGAUGAG         CCGUUAGGC         CGAA AGCUAAG         26099           1696         9334         CUUAGCUU C AUUUUCCA         7722         GGAAAAU         CUGAUGAG         CCGUUAGG         CGAA AGCUAAG         26099           1699         9331         AGCUCAUU U UCCAAGU         7724         ACUUGGA         CUGAUGAG         CCGUUAGGC         CGAA AAUGAAG         26100           1701         9329         CUUCAUUU U CCAAGUCA         7726         UGACUGG         CUGAUGAG         CCGUUAGGC         CGAA AAAUGAA         26102           1702         9328         UUCCAAGU										
1681         9349         AAGCAGCU         7719         AGGUGCUU         CUGAUGAG         GCCGUUAGGC         CGAA         AGCUGCUU         26095           1690         9340         AAGCACCU         U AGCUUCAU         7720         AUGAAGCU         CUGAUGAG         CCGUUAGGC         CGAA         AGGUGCUU         26096           1691         9339         AGCACCUU         A GCUUCAUU         7721         AAUGAAGC         CUGAUGAG         GCCGUUAGGC         CGAA         AAGCUAGG         26097           1695         9335         CCUUAGCUU         CAUUUUCCA         7722         GGAAAAU         CUGAUGAG         CGCGUUAGGC         CGAA         AAGCUAGG         26098           1696         9334         CUUAGCUU         CAUUUCCA         7723         UGGAAAAU         CUGAUGAGC         CGAA         AAGCUAGG         26098           1699         9331         AGCUUCAU         UUCCAAGU         7724         ACUUGGA         CUGAUGAG         CCGUUAGGC         CGAA         AAUGAAGC         26100           1701         9329         CUUCAUUU         UCCAAGUCA         7726         UGACUUGG         CUGAUGAG         GCCGUUAGGC         CGAA         AAAUGAAG         26102           1702         9328         UUCCAAGU										
1690   9340   AAGCACCU U AGCUUCAU   7720   AUGAAGCU CUGAUGAG GCCGUUAGGC CGAA AGGUGCUU   26096   1691   9339   AGCACCUU A GCUUCAUU   7721   AAUGAAGC CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU   26097   1695   9335   CCUUAGCU U CAUUUUCC   7722   GGAAAAUG CUGAUGAG GCCGUUAGGC CGAA AAGCUAAGG   26098   1696   9334   CUUAGCUU C AUUUUCCA   7723   UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG   26099   1699   9331   AGCUUCAU U UUCCAAGU   7724   ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG   26100   1700   9330   GCUUCAUU U UCCAAGUC   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGCU   26100   1701   9329   CUUCAUUU U CCAAGUCA   7726   UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAUGAAGC   26101   1702   9328   UUCAUUUU C CAAGUCA   7727   CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG   26103   1708   9322   UUCCAAGU C AGCUCUGG   7728   CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA AAAUGAAA   26103   1708   9322   UUCCAAGU C AGCUCUG   7728   CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA   26104   1713   9317   AGUCAGCU C GUGAUGAG   7729   CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGGAC   26105   1715   9315   UCAGCUCU C GUGAUGAG   7729   CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU   26105   1715   9315   UCAGCUCU C GUGAUGAG   7730   CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA   26106   1729   9301   GCGGUUGU C CUGACGA   7731   CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1744   9286   AGCUGUGU C AUCACCAU   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1744   9286   AGCUGUGU C AUCACCAU   7734   GCAGAGAU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC   26107   1745   9283   UGUGUCAU C AGCAUAGA   7733   UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACCACA   26109   1753   9277   AUCAGCAU A GAUCAGA   7734   GCAGAGAU CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26111   1759   9273   GCAUAGAU A GAUCUACC   7736   GCGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26111   1759   9273   GCAUAGAU C UGACGAG   7736   CUGGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC   26111   1759   9274   AUAGAUCU U CACGCAGG   7736   CUGGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUAUCC   26111   1759   9248   UGCCAACU C CACGCAG						<del></del>				
1691   9339   AGCACCUU A GCUUCAUU   7721   AAUGAAGC CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU   26097   1695   9335   CCUUAGCU U CAUUUUCC   7722   GGAAAAUG CUGAUGAG GCCGUUAGGC CGAA AGCUAAGG   26098   1696   9334   CUUAGCUU C AUUUUCCA   7723   UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAGG   26099   1699   9331   AGCUUCAU U UUCCAAGU   7724   ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU   26100   1700   9330   GCUUCAUU U UCCAAGUC   7725   GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGCU   26101   1701   9329   CUUCAUUU U CCAAGUCA   7726   UGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAGC   26102   1702   9328   UUCAUUUU C CAAGUCAG   7727   CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAAUGAAG   26103   1708   9322   UUCCAAGU C AGCUCUCG   7728   CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACAUGAAGA   26104   1713   9317   AGUCAGCU C UCGUGAUG   7729   CAUCACGA CUGAUGAG GCCGUUAGGC CGAA ACUUGACA   26104   1715   9315   UCAGCUCU C GUGAUGAG   7730   CGCAUCACG CUGAUGAG GCCGUUAGGC CGAA ACGCUGAC   26105   1729   9301   GCGGGUGU C CCAGCCAG   7731   CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCGCC   26107   1744   9286   AGCUGUGU C CAGACCAG   7731   CUGGCUGAU CAGACCAGCUUAGGC CGAA ACACCGCC   26107   1744   9286   AGCUGUGU C AGCAUAGA   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCGCC   26107   1747   9283   UGUGUCAU C AGCAUAGA   7732   AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCAGCU   26108   1753   9277   AUCAGCAU A GAUCUGC   7734   GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGACACA   26109   1753   9273   GCAUAGAU C UGCCCC   7735   GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26111   1759   9271   AUAGAUCU U GCCCCCC   7735   GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26111   1759   9271   AUAGAUCU U GCCCCCC   7735   GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26111   1759   9271   AUAGAUCU U GCCCCCC   7735   GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU   26112   1782   9248   UGCCAACU C CACGCAGG   7737   CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGAC   26113   1783   9247   GCCAACU C CACGCAGG   7738   UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AGUUGGC   26114   1783   9247   GCCAACU C CACGCAGG	1681	9349	AAGCAGCU C AAGCACCU	7719	AGGUGCUU CU	JGAUGAG	GCCGUUAGGC	CGAA	AGCUGCUU	26095
1695         9335         CCUUAGCU U CAUUUUCC         7722         GGAAAAUG CUGAUGAG GCCGUUAGGC CGAA AGCUAAGG         26098           1696         9334         CUUAGCUU C AUUUUCCA         7723         UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG         26099           1699         9331         AGCUUCAU U UUCCAAGU         7724         ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU         26100           1700         9330         GCUUCAUU U UCCAAGUC         7725         GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGC         26101           1701         9329         CUUCAUUU U CCAAGUCA         7726         UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG         26102           1702         9328         UUCAUUUU C CAAGUCAG         7727         CUGACUGAG GCCGUUAGGC CGAA AACUUGGAA         26103           1708         9322         UUCCAAGU C AGCUCUCG         7728         CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA         26104           1713         9317         AGUCAGCU C UCGUGAUG         7729         CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU         26105           1729         9301         GCGGGUGU C CCAGCCAG         7730         CGCGAUGAG GCCGUUAGGC CGAA ACACCCGC CGAA ACACCCGC CGAA AGCUGACU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC CGAA ACACCCGC CGAA AGCUGACU CUGAUGAG GCCGUUAGGC CGAA ACACCCGC CGAA ACACCCGC CGAA AGCUGACU CUGAUGAG GCCGUUAGGC CGAA AUGACCAA CCCGC CGAA AGCUGACU CUGAUGAG GCCGUUAGGC CGAA AUGACCAA CCCGCUGAUGAG	1690	9340	AAGCACCU U AGCUUCAU	7720	AUGAAGCU CU	JGAUGAG	GCCGUUAGGC	CGAA	AGGUGCUU	26096
1696         9334         CUUAGCUU C AUUUUCCA         7723         UGGAAAAU CUGAUGAG GCCGUUAGGC CGAA AAGCUAAG         26099           1699         9331         AGCUUCAU U UUCCAAGU         7724         ACUUGGA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU         26100           1700         9330         GCUUCAUU U UCCAAGUC         7725         GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGC         26101           1701         9329         CUUCAUUU U CCAAGUCA         7726         UGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG         26102           1702         9328         UUCAUUUU C CAAGUCAG         7727         CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAA         26103           1708         9322         UUCCAAGU C AGCUCUG T728         CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA         26104           1713         9317         AGUCAGCU C UCGUGAUG T729         CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGACUGACU         26105           1715         9315         UCAGCUCU C GUGAUGCG T730         CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107         26106           1729         9301         GCGGGUGU C CCAGCCAG 7731         CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCGC 26107         26107           1744         9286         AGCUGUU C AUCAGCAU 7732         AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108         26109           1753         9277         A	1691	9339	AGCACCUU A GCUUCAUU	7721	AAUGAAGC CU	JGAUGAG	GCCGUUAGGC	CGAA	AAGGUGCU	26097
1699         9331         AGCUUCAU U UUCCAAGU         7724         ACUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUGAAGCU         26100           1700         9330         GCUUCAUU U UCCAAGUC         7725         GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGC         26101           1701         9329         CUUCAUUU U CCAAGUCA         7726         UGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG         26102           1702         9328         UUCAUUUU C CAAGUCAG         7727         CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA         26103           1708         9322         UUCCAAGU C AGCUCUG         7728         CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA         26104           1713         9317         AGUCAGCU C UCGUGAUG         7729         CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU         26105           1715         9315         UCAGCUCU C GUGAUGCG         7730         CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGACCCGC         26106           1729         9301         GCGGGUGU C CCAGCCAG         7731         CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCGC         26107           1744         9286         AGCUGUU C AUCAGCAU         7732         AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU         26108           1753         9277         AUCAGCAU A GAUCUUGC         7734         GCAGAGUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU         26110 <td>1695</td> <td>9335</td> <td>CCUUAGCU U CAUUUUCC</td> <td>7722</td> <td>GGAAAAUG CU</td> <td>JGAUGAG</td> <td>GCCGUUAGGC</td> <td>CGAA</td> <td>AGCUAAGG</td> <td>26098</td>	1695	9335	CCUUAGCU U CAUUUUCC	7722	GGAAAAUG CU	JGAUGAG	GCCGUUAGGC	CGAA	AGCUAAGG	26098
1700 9330 GCUUCAUU U UCCAAGUC 7725 GACUUGGA CUGAUGAG GCCGUUAGGC CGAA AAUGAAGC 26101 1701 9329 CUUCAUUU U CCAAGUCA 7726 UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG 26102 1702 9328 UUCAUUUU C CAAGUCAG 7727 CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG 26103 1708 9322 UUCCAAGU C AGCUCUCG 7728 CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26104 1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGAC 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCCGAU 26110 1757 9273 GCAUAGAU C UUGCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26112 1782 9248 UGCCAACU C CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113	1696	9334	CUUAGCUU C AUUUUCCA	7723	UGGAAAAU CU	JGAUGAG	GCCGUUAGGC	CGAA	AAGCUAAG	26099
1701 9329 CUUCAUUU U CCAAGUCA 7726 UGACUUGG CUGAUGAG GCCGUUAGGC CGAA AAAUGAAG 26102 1702 9328 UUCAUUUU C CAAGUCAG 7727 CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAA 26103 1708 9322 UUCCAAGU C AGCUCUCG 7728 CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26104 1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUAUC 26112 1782 9248 UGCCAACU C ACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113	1699	9331	AGCUUCAU U UUCCAAGU	7724	ACUUGGAA CU	JGAUGAG	GCCGUUAGGC	CGAA	AUGAAGCU	26100
1702 9328 UUCAUUUU C CAAGUCAG 7727 CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA 26103 1708 9322 UUCCAAGU C AGCUCUCG 7728 CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26104 1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCCGAU 26110 1757 9273 GCAUAGAU C UUGCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUAU 26112 1782 9248 UGCCAACUU C ACGCAGG 7737 CCUGGGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113	1700	9330	GCUUCAUU U UCCAAGUC	7725	GACUUGGA CU	JGAUGAG	GCCGUUAGGC	CGAA	AAUGAAGC	26101
1702 9328 UUCAUUUU C CAAGUCAG 7727 CUGACUUG CUGAUGAG GCCGUUAGGC CGAA AAAAUGAA 26103 1708 9322 UUCCAAGU C AGCUCUCG 7728 CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26104 1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACCAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCCGAU 26110 1757 9273 GCAUAGAU C UUGCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUAU 26112 1782 9248 UGCCAACUU C ACGCAGG 7737 CCUGGGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113	1701									
1708 9322 UUCCAAGU C AGCUCUCG 7728 CGAGAGCU CUGAUGAG GCCGUUAGGC CGAA ACUUGGAA 26104 1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGUCUAU 26112 1782 9248 UGCCAACU C ACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113				<del></del>						
1713 9317 AGUCAGCU C UCGUGAUG 7729 CAUCACGA CUGAUGAG GCCGUUAGGC CGAA AGCUGACU 26105 1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113										
1715 9315 UCAGCUCU C GUGAUGCG 7730 CGCAUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA 26106 1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113							<del></del>			<del></del>
1729 9301 GCGGGUGU C CCAGCCAG 7731 CUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ACACCCGC 26107 1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 26114										
1744 9286 AGCUGUGU C AUCAGCAU 7732 AUGCUGAU CUGAUGAG GCCGUUAGGC CGAA ACACAGCU 26108 1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 26114										
1747 9283 UGUGUCAU C AGCAUAGA 7733 UCUAUGCU CUGAUGAG GCCGUUAGGC CGAA AUGACACA 26109 1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 26114										
1753 9277 AUCAGCAU A GAUCUUGC 7734 GCAAGAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUGAU 26110 1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 26114										
1757 9273 GCAUAGAU C UUGCCCCC 7735 GGGGGCAA CUGAUGAG GCCGUUAGGC CGAA AUCUAUGC 26111 1759 9271 AUAGAUCU U GCCCCCAG 7736 CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU 26112 1782 9248 UGCCAACU U CACGCAGG 7737 CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA 26113 1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 26114										
17599271AUAGAUCU U GCCCCAG7736CUGGGGGC CUGAUGAG GCCGUUAGGC CGAA AGAUCUAU2611217829248UGCCAACU U CACGCAGG7737CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA2611317839247GCCAACUU C ACGCAGGA7738UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC26114										
1782     9248     UGCCAACU U CACGCAGG     7737     CCUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGUUGGCA     26113       1783     9247     GCCAACUU C ACGCAGGA     7738     UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC     26114										
1783 9247 GCCAACUU C ACGCAGGA 7738 UCCUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGUUGGC 25114	<del></del>			<del></del>	CUGGGGGC CU	JGAUGAG	GCCGUUAGGC	CGAA	AGAUCUAU	26112
	1782	9248	UGCCAACU U CACGCAGG	7737	CCUGCGUG CU	JGAUGAG	GCCGUUAGGC	CGAA	AGUUGGCA	26113
1795 9235 CAGGAUGU A ACCCAGUU 7739 AACUGGGU CUGAUGAG GCCGUUAGGC CGAA ACAUCCUG 26115	1783	9247	GCCAACUU C ACGCAGGA	7738	UCCUGCGU CU	JGAUGAG	GCCGUUAGGC	CGAA	AAGUUGGC	26114
	1795	9235	CAGGAUGU A ACCCAGUU	7739	AACUGGGU CU	<b>JGAUGAG</b>	GCCGUUAGGC	CGAA	ACAUCCUG	26115

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1803	9227	AACCCAGU U UUUGGAGG	7740		UGAUGAG GCCGUUAGGC C	GAA ACUGGGUU	26116
1804	9226	ACCCAGUU U UUGGAGGC	7741	GCCUCCAA C	UGAUGAG GCCGUUAGGC C	GAA AACUGGGU	26117
1805	9225	CCCAGUUU U UGGAGGCC	7742	GGCCUCCA C	UGAUGAG GCCGUUAGGC C	SAA AAACUGGG	26118
1806	9224	CCAGUUUU U GGAGGCCC	7743	GGGCCUCC C	UGAUGAG GCCGUUAGGC C	GAA AAAACUGG	26119
1822	9208	CAAGCCCU C GACACCUC	7744	GAGGUGUC C	UGAUGAG GCCGUUAGGC C	GAA AGGGCUUG	26120
1830	9200	CGACACCU C CUCCUGAG	7745	CUCAGGAG C	UGAUGAG GCCGUUAGGC C	GAA AGGUGUCG	26121
1833	9197	CACCUCCU C CUGAGUUC	7746	GAACUCAG C	UGAUGAG GCCGUUAGGC C	GAA AGGAGGUG	26122
1840	9190	UCCUGAGU U CUUUCUUC	7747	GAAGAAAG C	UGAUGAG GCCGUUAGGC C	GAA ACUCAGGA	26123
1841	9189	CCUGAGUU C UUUCUUCC	7748	GGAAGAAA C	UGAUGAG GCCGUUAGGC C	GAA AACUCAGG	26124
1843	9187	UGAGUUCU U UCUUCCAA	7749	UUGGAAGA C	UGAUGAG GCCGUUAGGC C	GAA AGAACUCA	26125
1844	9186	GAGUUCUU U CUUCCAAG	7750	CUUGGAAG C	UGAUGAG GCCGUUAGGC C	GAA AAGAACUC	26126
1845	9185	AGUUCUUU C UUCCAAGC	7751	GCUUGGAA C	UGAUGAG GCCGUUAGGC C	GAA AAAGAACU	26127
1847	9183	UUCUUUCU U CCAAGCCA	7752	UGGCUUGG C	UGAUGAG GCCGUUAGGC C	GAA AGAAAGAA	26128
1848	9182	UCUUUCUU C CAAGCCAG	7753	CUGGCUUG C	UGAUGAG GCCGUUAGGC C	GAA AAGAAAGA	26129
1861	9169	CCAGUGGU C UUCAUUGA	7754	UCAAUGAA C	UGAUGAG GCCGUUAGGC C	GAA ACCACUGG	26130
1863	9167	AGUGGUCU U CAUUGAGA	7755	UCUCAAUG C	UGAUGAG GCCGUUAGGC C	GAA AGACCACU	26131
1864	9166	GUGGUCUU C AUUGAGAA	7756	UUCUCAAU C	UGAUGAG GCCGUUAGGC C	GAA AAGACCAC	26132
1867	9163	GUCUUCAU U GAGAAAAC	7757	GUUUUCUC C	UGAUGAG GCCGUUAGGC C	GAA AUGAAGAC	26133
1885	9145	CAGAGCCU C GAACUCCA	7758	UGGAGUUC C	UGAUGAG GCCGUUAGGC C	GAA AGGCUCUG	26134
1891	9139	CUCGAACU C CAGAAAGC	7759	GCUUUCUG C	UGAUGAG GCCGUUAGGC C	GAA AGUUCGAG	26135
1905	9125	AGCGAGCU C CGAGCCAC	7760	GUGGCUCG C		GAA AGCUCGCU	26136
1929	9101	AAAUGGCU C UGCUUCCC	7761			GAA AGCCAUUU	26137
1934	9096	GCUCUGCU U CCCUUGGC	7762			GAA AGCAGAGC	26138
1935	9095	CUCUGCUU C CCUUGGCC	7763			GAA AAGCAGAG	26139
1939	9091	GCUUCCCU U GGCCUUUC	7764			GAA AGGGAAGC	26140
1945	9085	CUUGGCCU U UCCGAACU	7765			GAA AGGCCAAG	26141
1946	9084	UUGGCCUU U CCGAACUC	7766			GAA AAGGCCAA	26142
1947	9083	UGGCCUUU C CGAACUCU	7767			GAA AAAGGCCA	26143
1954	9076	UCCGAACU C UCCGGGUU	7768			GAA AGUUCGGA	26144
1956	9074	CGAACUCU C CGGGUUUU	7769	AAAACCCG C		GAA AGAGUUCG	26145
1962	9068	CUCCGGGU U UUUUCUCU	7770	AGAGAAAA C		GAA ACCCGGAG	26146
1963	9067	UCCGGGUU U UUUCUCUC	7771	GAGAGAAA C		GAA AACCCGGA	26147
1964	9066	CCGGGUUU U UUCUCUCU	7772			GAA AAACCCGG	26148
1965	9065	GGGUUUU U UCUCUCUC	7773			GAA AAAACCCG GAA AAAAACCC	26149
1966	9064	GGUUUUUU C UCUCUCUU	7775			GAA AAAAAACC	26151
1969	9061	UUUUUUCU C UCUCUUUC	7776			GAA AGAAAAA	26152
1971	9059	nnncaca c acacacac	7777			GAA AGAGAAAA	26153
1973	9057	UUCUCUCU C UUUCCCAU	7778			GAA AGAGAGAA	26154
1975	9055	CUCUCUCU U UCCCAUCA	7779			GAA AGAGAGAG	26155
1976	9054	UCUCUCUU U CCCAUCAU	7780		UGAUGAG GCCGUUAGGC C		26156
1977	9053	CUCUCUUU C CCAUCAUG	7781		UGAUGAG GCCGUUAGGC C		26157
1982	9048	UUUCCCAU C AUGUUGUA	7782		UGAUGAG GCCGUUAGGC C		26158
1987	9043	CAUCAUGU U GUAAAUGC	7783		UGAUGAG GCCGUUAGGC C		26159
1990	9040	CAUGUUGU A AAUGCAAG	7784	L	UGAUGAG GCCGUUAGGC C		26160
2007	9023	UGUGACAU U CCCCCCGC	7785		UGAUGAG GCCGUUAGGC C		26161
2008	9022	GUGACAUU C CCCCCGCA	7786		UGAUGAG GCCGUUAGGC C		26162
2026	9004	AUGUGCCU C GCGCUCCU	7787	<del></del>	UGAUGAG GCCGUUAGGC C		26163
2032	8998	CUCGCGCU C CUCAUCCA	7788	UGGAUGAG C	UGAUGAG GCCGUUAGGC C	GAA AGCGCGAG	26164
2035	8995	GCGCUCCU C AUCCACCA	7789	UGGUGGAU C	UGAUGAG GCCGUUAGGC C	GAA AGGAGCGC	26165
2038	8992	CUCCUCAU C CACCAUCU	7790	AGAUGGUG C	UGAUGAG GCCGUUAGGC C	GAA AUGAGGAG	26166
2045	8985	UCCACCAU C UCCCAAAA	7791	UUUUGGGA C	UGAUGAG GCCGUUAGGC C	GAA AUGGUGGA	26167
2047	8983	CACCAUCU C CCAAAAUU	7792	AAUUUUGG C	UGAUGAG GCCGUUAGGC C	GAA AGAUGGUG	26168
2055	8975	CCCAAAAU U UUGGAUCU	7793	AGAUCCAA C	UGAUGAG GCCGUUAGGC C	GAA AUUUUGGG	26169
2056	8974	CCAAAAUU U UGGAUCUU	7794	AAGAUCCA C	UGAUGAG GCCGUUAGGC C	GAA AAUUUUGG	26170
2057	8973	CAAAAUUU U GGAUCUUC	7795	GAAGAUCC C	UGAUGAG GCCGUUAGGC C	GAA AAAUUUUG	26171
2062	8968	UUUUGGAU C UUCAACUG	7796	CAGUUGAA C	UGAUGAG GCCGUUAGGC C	GAA AUCCAAAA	26172
2064	8966	UUGGAUCU U CAACUGCU	7797		UGAUGAG GCCGUUAGGC C		26173
1 2065	0065	HIGGARICHMI C NACHICCHII	7700	A A COLD CUTTE C	TICATICAC CCCCITITACCC C	ONN NACATIOCA	26174

AAGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGAUCCA

CGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAGUUG

GCGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU GAGCGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAG UGGAUCUU C AACUGCUU

CAACUGCU U CUCUGGCG

AACUGCUU C UCUGGCGC

CUGCUUCU C UGGCGCUC

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2084	8946	CUGGCGCU C CUCCAUUG	7802	CAAUGGAG CUGAUGAG GCCGUUAGGC CGAA AGCGCCAG 2617
2087	8943	GCGCUCCU C CAUUGAUU	7803	AAUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGGAGCGC 2617
2091	8939	UCCUCCAU U GAUUCUGC	7804	GCAGAAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGGA 2618
2095	8935	CCAUUGAU U CUGCUCUU	7805	AAGAGCAG CUGAUGAG GCCGUUAGGC CGAA AUCAAUGG 2618
2096	8934	CAUUGAUU C UGCUCUUC	7806	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AAUCAAUG 2618
2101	8929	AUUCUGCU C UUCAAACA	7807	UGUUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAGAAU 2618
2103	8927	UCUGCUCU U CAAACAUG	7808	CAUGUUUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAGA 2618
2104	8926	CUGCUCUU C AAACAUGG	7809	CCAUGUUU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAG 2618
2128	8902	AGCUGCAU U GCUGUUGA	7810	UCAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGCAGCU 2618
2134	8896	AUUGCUGU U GACCUUUC	7811	GAAAGGUC CUGAUGAG GCCGUUAGGC CGAA ACAGCAAU 2618
2140	8890	GUUGACCU U UCUUAUGA	7812	UCAUAAGA CUGAUGAG GCCGUUAGGC CGAA AGGUCAAC 2618
2141	8889	UUGACCUU U CUUAUGAA	7813	UUCAUAAG CUGAUGAG GCCGUUAGGC CGAA AAGGUCAA 2618
2142	8888	UGACCUUU C UUAUGAAU	7814	AUUCAUAA CUGAUGAG GCCGUUAGGC CGAA AAAGGUCA 2619
2144	8886	ACCUUUCU U AUGAAUUC	7815	GAAUUCAU CUGAUGAG GCCGUUAGGC CGAA AGAAAGGU 2619
2145	8885	CCUUUCUU A UGAAUUCC	7816	GGAAUUCA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGG 2619
2151	8879	UUAUGAAU U CCUCUCGA	7817	UCGAGAGG CUGAUGAG GCCGUUAGGC CGAA AUUCAUAA 2619
2152	8878	UAUGAAUU C CUCUCGAG	7818	CUCGAGAG CUGAUGAG GCCGUUAGGC CGAA AAUUCAUA 2619
2155	8875	GAAUUCCU C UCGAGAGC	7819	GCUCUCGA CUGAUGAG GCCGUUAGGC CGAA AGGAAUUC 2619
2157	8873	AUUCCUCU C GAGAGCAC	7820	GUGCUCUC CUGAUGAG GCCGUUAGGC CGAA AGAGGAAU 2619
2168	8862	GAGCACAU U CUGGGACG	7821	CGUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUGUGCUC 2619
2169	8861	AGCACAUU C UGGGACGU	7822	ACGUCCCA CUGAUGAG GCCGUUAGGC CGAA AAUGUGCU 2619
2178	8852	UGGGACGU U UUUCUCUG	7823	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 2619
2179	8851	GGGACGUU U UUCUCUGG	7824	CCAGAGAA CUGAUGAG GCCGUUAGGC CGAA AACGUCCC 2620
2180	8850	GGACGUUU U UCUCUGGC	7825	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA AAACGUCC 2620
2181	8849	GACGUUUU U CUCUGGCC	7826	GGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AAAACGUC 2620
2182	8848	ACGUUUUU C UCUGGCCA	7827	UGGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAAAACGU 2620
2184	8846	GUUUUUCU C UGGCCAAA	7828	UUUGGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAC 2620
2209	8821	CAACCAGU U GGUGGUCU	7829	AGACCACC CUGAUGAG GCCGUUAGGC CGAA ACUGGUUG 2620
2216	8814	UUGGUGGU C UCAUUGAG	7830	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ACCACCAA 2620
2218	8812	GGUGGUCU C AUUGAGCA	7831	UGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AGACCACC 2620
2221	8809	GGUCUCAU U GAGCACGU	7832	ACGUGCUC CUGAUGAG GCCGUUAGGC CGAA AUGAGACC 2620
2230	8800	GAGCACGU A CUUCACUC	7833	GAGUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGUGCUC 2620
2233	8797	CACGUACU U CACUCCUU	7834	AAGGAGUG CUGAUGAG GCCGUUAGGC CGAA AGUACGUG 2621
2234	8796.	ACGUACUU C ACUCCUUC	7835	GAAGGAGU CUGAUGAG GCCGUUAGGC CGAA AAGUACGU 2621
2238	8792	ACUUCACU C CUUCUGGC	7836	GCCAGAAG CUGAUGAG GCCGUUAGGC CGAA AGUGAAGU 2621
2241	8789	UCACUCCU U CUGGCGGU	7837	ACCGCCAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUGA 2621
2242	8788	CACUCCUU C UGGCGGUU	7838	AACCGCCA CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG 2621
2250	8780	CUGGCGGU U CAGGAGCU	7839	AGCUCCUG CUGAUGAG GCCGUUAGGC CGAA ACCGCCAG 2621
2251	8779	UGGCGGUU C AGGAGCUU	7840	AAGCUCCU CUGAUGAG GCCGUUAGGC CGAA AACCGCCA 2621
2259	8771	CAGGAGCU U UCGUGUCC	7841	GGACACGA CUGAUGAG GCCGUUAGGC CGAA AGCUCCUG 2621
2260	8770	AGGAGCUU U CGUGUCCA	7842	UGGACACG CUGAUGAG GCCGUUAGGC CGAA AAGCUCCU 2621
2261	8769	GGAGCUUU C GUGUCCAC	7843	GUGGACAC CUGAUGAG GCCGUUAGGC CGAA AAAGCUCC 2621
2266	8764	UUUCGUGU C CACCUUCU	7844	AGAAGGUG CUGAUGAG GCCGUUAGGC CGAA ACACGAAA 2622
2272	8758	GUCCACCU U CUCUUUGA	7845	UCAAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGUGGAC 2622
2273	8757	UCCACCUU C UCUUUGAA	7846	UUCAAAGA CUGAUGAG GCCGUUAGGC CGAA AAGGUGGA 2622
2275	8755	CACCUUCU C UUUGAACA	7847	UGUUCAAA CUGAUGAG GCCGUUAGGC CGAA AGAAGGUG 2622
2277	8753	CCUUCUCU U UGAACACU	7848	AGUGUUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAAGG 2622
2278	8752	CUUCUCUU U GAACACUC	7849	GAGUGUUC CUGAUGAG GCCGUUAGGC CGAA AAGAGAAG 2622
2286	8744	UGAACACU C GCUGCUGC	7850	GCAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGUGUUCA 2622
2306	8724	AAGGGAGU A GUGUCAGU	7851	ACUGACAC CUGAUGAG GCCGUUAGGC CGAA ACUCCCUU 2622
2311	8719	AGUAGUGU C AGUCAUGG	7852	CCAUGACU CUGAUGAG GCCGUUAGGC CGAA ACACUACU 2622
2315	8715	GUGUCAGU C AUGGCCAU	7853	AUGGCCAU CUGAUGAG GCCGUUAGGC CGAA ACUGACAC 2622
2330	8700	AUGGUGGU A ACAUUCGU	7854	ACGAAUGU CUGAUGAG GCCGUUAGGC CGAA ACCACCAU 2623
2335	8695	GGUAACAU U CGUGAUGG	7855	CCAUCACG CUGAUGAG GCCGUUAGGC CGAA AUGUUACC 2623
2336	8694	GUAACAUU C GUGAUGGU	7856	ACCAUCAC CUGAUGAG GCCGUUAGGC CGAA AAUGUUAC 2623
2347	8683	GAUGGUGU C CCAUGGUU	7857	AACCAUGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUC 2623
2355	8675	CCCAUGGU U UUGAGAGG	7858	CCUCUCAA CUGAUGAG GCCGUUAGGC CGAA ACCAUGGG 2623
2356	8674	CCAUGGUU U UGAGAGGA	7859	UCCUCUCA CUGAUGAG GCCGUUAGGC CGAA AACCAUGG 2623
2357	8673	CAUGGUUU U GAGAGGAG	7860	CUCCUCUC CUGAUGAG GCCGUUAGGC CGAA AAACCAUG 2623
2376	8654	UGACCACU C CAUUGACC	7861	GGUCAAUG CUGAUGAG GCCGUUAGGC CGAA AGUGGUCA 2623
2380	8650	CACUCCAU U GACCAGCG	7862	CGCUGGUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGUG 2623
2410	8620	UGUGGGCU U CACAUCAU	7863	AUGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGCCCACA 2623

	WO 02/	068637	T-11-	PC1/U501/46330
				e VIII UAUGAUGU CUGAUGAG GCCGUUAGGC CGAA AAGCCCAC 2624
2411	8619	GUGGGCUU C ACAUCAUA	7864	
2416	8614	CUUCACAU C AUAACUGC	7865	GCAGOOAD COGREGATE STATE
2419	8611	CACAUCAU A ACUGCCGU	7866	ACGGCAGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGUG 2624
2431	8599	GCCGUGAU A GUUCCAGG	7867	CCUGGAAC CUGAUGAG GCCGUUAGGC CGAA AUCACGGC 2624
2434	8596	GUGAUAGU U CCAGGUUC	7868	GAACCUGG CUGAUGAG GCCGUUAGGC CGAA ACUAUCAC 2624
2435	8595	UGAUAGUU C CAGGUUCU	7869	AGAACCUG CUGAUGAG GCCGUUAGGC CGAA AACUAUCA 2624
2441	8589	UUCCAGGU U CUAUAUGG	7870	CCAUAUAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 2624
2442	8588	UCCAGGUU C UAUAUGGG	7871	CCCAUAUA CUGAUGAG GCCGUUAGGC CGAA AACCUGGA 2624
	8586	CAGGUUCU A UAUGGGUG	7872	CACCCAUA CUGAUGAG GCCGUUAGGC CGAA AGAACCUG 2624
2444		GGUUCUAU A UGGGUGGU	7873	ACCACCCA CUGAUGAG GCCGUUAGGC CGAA AUAGAACC 2624
2446	8584		7874	ACGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACCACCCA 2625
2455	8575	UGGGUGGU U CUCAUCGU	7875	CACGAUGA CUGAUGAG GCCGUUAGGC CGAA AACCACCC 2625
2456	8574	GGGUGGUU C UCAUCGUG		ACCACGAU CUGAUGAG GCCGUUAGGC CGAA AGAACCAC 2625
2458	8572	GUGGUUCU C AUCGUGGU	7876	GGCACCAC CUGAUGAG GCCGUUAGGC CGAA AUGAGAAC 2625
2461	8569	GUUCUCAU C GUGGUGCC	7877	
2474	8556	UGCCACGU C GAACUGUA	7878	UACAGUUC CUGAUGAG GCCGUUAGGC CGAA ACGUGGCA 2625
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGUGAG CUGAUGAG GCCGUUAGGC CGAA ACAGUUCG 2625
2485	8545	ACUGUACU C ACGCCUGA	7880	UCAGGCGU CUGAUGAG GCCGUUAGGC CGAA AGUACAGU 2625
2496	8534	GCCUGAGU C GUUCAAUC	7881	GAUUGAAC CUGAUGAG GCCGUUAGGC CGAA ACUCAGGC 2625
2499	8531	UGAGUCGU U CAAUCCUG	7882	CAGGAUUG CUGAUGAG GCCGUUAGGC CGAA ACGACUCA 2625
2500	8530	GAGUCGUU C AAUCCUGU	7883	ACAGGAUU CUGAUGAG GCCGUUAGGC CGAA AACGACUC 2625
2504	8526	CGUUCAAU C CUGUUCUU	7884	AAGAACAG CUGAUGAG GCCGUUAGGC CGAA AUUGAACG 2626
2509	8521	AAUCCUGU U CUUGAUUU	7885	AAAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUU 2626
		AUCCUGUU C UUGAUUUU	7886	AAAAUCAA CUGAUGAG GCCGUUAGGC CGAA AACAGGAU 2626
2510	8520			GUAAAAUC CUGAUGAG GCCGUUAGGC CGAA AGAACAGG 2626
2512	8518	CCUGUUCU U GAUUUUAC	7887	ACCAGUAA CUGAUGAG GCCGUUAGGC CGAA AUCAAGAA 2626
2516	8514	UUCUUGAU U UUACUGGU	7888	CACCAGUA CUGAUGAG GCCGUUAGGC CGAA AAUCAAGA 2626
2517	8513	UCUUGAUU U UACUGGUG	7889	
2518	8512	CUUGAUUU U ACUGGUGU	7890	ACACCAGU CUGAUGAG GCCGUUAGGC CGAA AAAUCAAG 2626
2519	8511	UUGAUUUU A CUGGUGUC	7891	GACACCAG CUGAUGAG GCCGUUAGGC CGAA AAAAUCAA 2626
2527	8503	ACUGGUGU C UGAGUUGA	7892	UCAACUCA CUGAUGAG GCCGUUAGGC CGAA ACACCAGU 2626
2533	8497	GUCUGAGU U GAGCAGGG	7893	CCCUGCUC CUGAUGAG GCCGUUAGGC CGAA ACUCAGAC 2626
2544	8486	GCAGGGGU U UUCCCACC	7894	GGUGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCCCUGC 2627
2545	8485	CAGGGGUU U UCCCACCG	7895	CGGUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCCCUG 2627
2546	8484	AGGGGUUU U CCCACCGC	7896	GCGGUGGG CUGAUGAG GCCGUUAGGC CGAA AAACCCCU 2627
2547	8483	GGGGUUUU C CCACCGCC	7897	GGCGGUGG CUGAUGAG GCCGUUAGGC CGAA AAAACCCC 2627
2561	8469	GCCCUGGU U CCACUUCC	7898	GGAAGUGG CUGAUGAG GCCGUUAGGC CGAA ACCAGGGC 2627
2562	8468	CCCUGGUU C CACUUCCC	7899	GGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG 2627
2567	8463	GUUCCACU U CCCAAGUU	7900	AACUUGGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAC 2627
	8462	UUCCACUU C CCAAGUUU	7901	AAACUUGG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA 2627
2568	<del></del>	UCCCAAGU U UACAUCUU	7902	AAGAUGUA CUGAUGAG GCCGUUAGGC CGAA ACUUGGGA 262
2575	8455	CCCAAGUU U ACAUCUUC	7903	GAAGAUGU CUGAUGAG GCCGUUAGGC CGAA AACUUGGG 2627
2576	8454		<del></del>	GGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAACUUGG 2628
2577	8453	CCAAGUUU A CAUCUUCC	7904	ACGAGGAA CUGAUGAG GCCGUUAGGC CGAA AUGUAAAC 2628
2581	8449	GUUUACAU C UUCCUCGU	7905	
2583	8447	UUACAUCU U CCUCGUAU	7906	AUACGAGG CUGAUGAG GCCGUUAGGC CGAA AGAUGUAA 2628
2584	8446	UACAUCUU C CUCGUAUU	7907	AAUACGAG CUGAUGAG GCCGUUAGGC CGAA AAGAUGUA 2628
2587	8443	AUCUUCCU C GUAUUGGG	7908	CCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 2628
2590	8440	UUCCUCGU A UUGGGGUC	7909	GACCCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAGGAA 2628
2592	8438	CCUCGUAU U GGGGUCCC	7910	GGGACCCC CUGAUGAG GCCGUUAGGC CGAA AUACGAGG 2628
2598	8432	AUUGGGGU C CCUUCCAG	7911	CUGGAAGG CUGAUGAG GCCGUUAGGC CGAA ACCCCAAU 2628
2602	8428	GGGUCCCU U CCAGGUCC	7912	GGACCUGG CUGAUGAG GCCGUUAGGC CGAA AGGGACCC 2628
2603	8427	GGUCCCUU C CAGGUCCU	7913	AGGACCUG CUGAUGAG GCCGUUAGGC CGAA AAGGGACC 2628
2609	8421	UUCCAGGU C CUUUUUUC	7914	GAAAAAG CUGAUGAG GCCGUUAGGC CGAA ACCUGGAA 2629
2612	8418	CAGGUCCU U UUUUCCAU	7915	AUGGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGACCUG 2629
2613		AGGUCCUU U UUUCCAUU	7916	AAUGGAAA CUGAUGAG GCCGUUAGGC CGAA AAGGACCU 262
2614	8416	GGUCCUUU U UUCCAUUC	7917	GAAUGGAA CUGAUGAG GCCGUUAGGC CGAA AAAGGACC 262
2615	<del></del>	GUCCUUUU U UCCAUUCU	7918	AGAAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAAGGAC 262
			<del></del>	
2616	8414	UCCUUUUU U CCAUUCUU	7919	GAAGAAUG CUGAUGAG GCCGUUAGGC CGAA AAAAAAGG 262:
2617		CCUUUUU C CAUUCUUC	7920	
2621	8409	UUUUCCAU U CUUCCUAG	7921	CUAGGAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAAAA 262
2622	8408	UUUCCAUU C UUCCUAGG	7922	CCUAGGAA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA 262
2624	8406	UCCAUUCU U CCUAGGAG	7923	CUCCUAGG CUGAUGAG GCCGUUAGGC CGAA AGAAUGGA 262
2625	8405	CCAUUCUU C CUAGGAGC	7924	GCUCCUAG CUGAUGAG GCCGUUAGGC CGAA AAGAAUGG 263
2628	8402	UUCUUCCU A GGAGCACC	7925	GGUGCUCC CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA 263

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2645	8385	UGGCUGGU C AUAUUCAC	7926	GUGAAUAU CUGAUGAG GCCGUUAGGC CGAA ACCAGCCA	26302
2648	8382	CUGGUCAU A UUCACUGA	7927	UCAGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGACCAG	26303
2650	8380	GGUCAUAU U CACUGAAU	7928	AUUCAGUG CUGAUGAG GCCGUUAGGC CGAA AUAUGACC	26304
2651	8379	GUCAUAUU C ACUGAAUG	7929	CAUUCAGU CUGAUGAG GCCGUUAGGC CGAA AAUAUGAC	26305
2661	8369	CUGAAUGU A CCACAUUG	7930	CAAUGUGG CUGAUGAG GCCGUUAGGC CGAA ACAUUCAG	26306
2668	8362	UACCACAU U GCCUGAAG	7931	CUUCAGGC CUGAUGAG GCCGUUAGGC CGAA AUGUGGUA	26307
2679	8351	CUGAAGCU C GACUCACC	7932	GGUGAGUC CUGAUGAG GCCGUUAGGC CGAA AGCUUCAG	26308
2684	8346	GCUCGACU C ACCCAAUA	7933	UAUUGGGU CUGAUGAG GCCGUUAGGC CGAA AGUCGAGC	26309
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGAUG CUGAUGAG GCCGUUAGGC CGAA AUUGGGUG	26310
2696	8334	CAAUACAU C UCGUGCGU	7935	ACGCACGA CUGAUGAG GCCGUUAGGC CGAA AUGUAUUG	26311
		AUACAUCU C GUGCGUGG	7936	CCACGCAC CUGAUGAG GCCGUUAGGC CGAA AGAUGUAU	26312
2698	8332				
2710	8320	CGUGGAAU U CCGUGAGA	7937	UCUCACGG CUGAUGAG GCCGUUAGGC CGAA AUUCCACG	26313
2711	8319	GUGGAAUU C CGUGAGAG	7938	CUCUCACG CUGAUGAG GCCGUUAGGC CGAA AAUUCCAC	26314
2725	8305	GAGUGGGU U UCUGACCA	7939	UGGUCAGA CUGAUGAG GCCGUUAGGC CGAA ACCCACUC	26315
2726	8304	AGUGGGUU U CUGACCAG	7940	CUGGUCAG CUGAUGAG GCCGUUAGGC CGAA AACCCACU	26316
2727	8303	GUGGGUUU C UGACCAGU	7941	ACUGGUCA CUGAUGAG GCCGUUAGGC CGAA AAACCCAC	26317
2736	8294	UGACCAGU C CCCCCCA	7942	UGGGGGG CUGAUGAG GCCGUUAGGC CGAA ACUGGUCA	26318
2746	8284	CCCCCAU A CCGGCGUU	7943	AACGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG	26319
2754	8276	ACCGGCGU U GGAGCAGC	7944	GCUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACGCCGGU	26320
2764	8266	GAGCAGCU C CAUCUUCU	7945	AGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AGCUGCUC	26321
2768	8262	AGCUCCAU C UUCUCUAU	7946	AUAGAGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAGCU	26322
2770	8260	CUCCAUCU U CUCUAUGA	7947	UCAUAGAG CUGAUGAG GCCGUUAGGC CGAA AGAUGGAG	26323
2771	8259	UCCAUCUU C UCUAUGAC	7948	GUCAUAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA	26324
2773	8257	CAUCUUCU C UAUGACUU	7949	AAGUCAUA CUGAUGAG GCCGUUAGGC CGAA AGAAGAUG	26325
2775	8255	UCUUCUCU A UGACUUUC	7950	GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGAGAAGA	26326
2781	8249	CUAUGACU U UCGGCAUG	7951	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA AGUCAUAG	26327
2782	8248	UAUGACUU U CGGCAUGU	7952	ACAUGCCG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUA	26328
2783	8247	AUGACUUU C GGCAUGUA	7953	UACAUGCC CUGAUGAG GCCGUUAGGC CGAA AAAGUCAU	26329
2791	8239	CGGCAUGU A GGGGCAGA	7954	UCUGCCC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCG	26330
2806	8224	GAGCACCU U CACGCAAA	7955	UUUGCGUG CUGAUGAG GCCGUUAGGC CGAA AGGUGCUC	26331
2807	8223	AGCACCUU C ACGCAAAA	7956	UUUUGCGU CUGAUGAG GCCGUUAGGC CGAA AAGGUGCU	26332
2817	8213	CGCAAAAU U CCCUUGGC	7957	GCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AUUUUGCG	26333
2818	8212	GCAAAAUU C CCUUGGCC	7958	GGCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAUUUUGC	26334
2822	8208	AAUUCCCU U GGCCCUCG	7959	CGAGGGCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAUU	26335
2829	8201	UUGGCCCU C GGUGCAGC	7960	GCUGCACC CUGAUGAG GCCGUUAGGC CGAA AGGGCCAA	26336
2842	8188	CAGCCAGU C CUCAACCA	7961	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGGCUG	26337
2845	8185	CCAGUCCU C AACCAUUU	7962	AAAUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGG	26338
2852	8178	UCAACCAU U UCAAGGAC	7963	GUCCUUGA CUGAUGAG GCCGUUAGGC CGAA AUGGUUGA	26339
2853					<del>!</del> -
	8177	CAACCAUU U CAAGGACC AACCAUUU C AAGGACCC	7964		26340
2854	8176		7965	GGGUCCUU CUGAUGAG GCCGUUAGGC CGAA AAAUGGUU	26341
2867	8163	ACCCGAAU C GUCCUAUG	7966	CAUAGGAC CUGAUGAG GCCGUUAGGC CGAA AUUCGGGU	26342
2870	8160	CGAAUCGU C CUAUGCUC	7967	GAGCAUAG CUGAUGAG GCCGUUAGGC CGAA ACGAUUCG	26343
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA CUGAUGAG GCCGUUAGGC CGAA AGGACGAU	26344
2878	8152	CCUAUGCU C UUCAACCU	7969	AGGUUGAA CUGAUGAG GCCGUUAGGC CGAA AGCAUAGG	26345
2880	8150	UAUGCUCU U CAACCUCA	7970	UGAGGUUG CUGAUGAG GCCGUUAGGC CGAA AGAGCAUA	26346
2881	8149	AUGCUCUU C AACCUCAG	7971	CUGAGGUU CUGAUGAG GCCGUUAGGC CGAA AAGAGCAU	26347
2887	8143	UUCAACCU C AGCACUUG	7972	CAAGUGCU CUGAUGAG GCCGUUAGGC CGAA AGGUUGAA	26348
2894	8136	UCAGCACU U GACGAGGA	7973	UCCUCGUC CUGAUGAG GCCGUUAGGC CGAA AGUGCUGA	26349
2905	8125	CGAGGACU C UCCGAUGU	7974	ACAUCGGA CUGAUGAG GCCGUUAGGC CGAA AGUCCUCG	26350
2907	8123	AGGACUCU C CGAUGUCA	7975	UGACAUCG CUGAUGAG GCCGUUAGGC CGAA AGAGUCCU	26351
2914	8116	UCCGAUGU C ACAAAGGA	7976	UCCUUUGU CUGAUGAG GCCGUUAGGC CGAA ACAUCGGA	26352
2929	8101	GAGGGUGU C ACAACACU	7977	AGUGUUGU CUGAUGAG GCCGUUAGGC CGAA ACACCCUC	26353
2938	8092	ACAACACU C AGAAGGUC	7978	GACCUUCU CUGAUGAG GCCGUUAGGC CGAA AGUGUUGU	26354
2946	8084	CAGAAGGU C UGUAGAAC	7979	GUUCUACA CUGAUGAG GCCGUUAGGC CGAA ACCUUCUG	26355
2950	8080	AGGUCUGU A GAACACAU	7980	AUGUGUUC CUGAUGAG GCCGUUAGGC CGAA ACAGACCU	26356
2959	8071	GAACACAU C CACUCCAC	7981	GUGGAGUG CUGAUGAG GCCGUUAGGC CGAA AUGUGUUC	26357
2964	8066	CAUCCACU C CACUCUUC	7982	GAAGAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG	26358
2969	8061	ACUCCACU C UUCAUGGU	7983	ACCAUGAA CUGAUGAG GCCGUUAGGC CGAA AGUGGAGU	26359
2971	8059	UCCACUCU U CAUGGUGA	7984	UCACCAUG CUGAUGAG GCCGUUAGGC CGAA AGAGUGGA	26360
2972	8058	CCACUCUU C AUGGUGAC	7985	GUCACCAU CUGAUGAG GCCGUUAGGC CGAA AAGAGUGG	26361
2986	8044	GACAAUGU U CCAUCCAU	7986	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA ACAUUGUC	26362
2987	8043	ACAAUGUU C CAUCCAUA	7987	UAUGGAUG CUGAUGAG GCCGUUAGGC CGAA AACAUUGU	26362
	1023		.,,,,,	CONTRACTOR CONTRACTOR CONTRACTOR	20303

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	WU UZ/U		Table	le VIII	
2991	8039	UGUUCCAU C CAUAACUU	7988	AAGUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGGAACA 263	364
2995	8035	CCAUCCAU A ACUUUGCA	7989	UGCAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGG 263	365
2999	8031	CCAUAACU U UGCACUAG	7990	CUAGUGCA CUGAUGAG GCCGUUAGGC CGAA AGUUAUGG 263	366
3000	8030	CAUAACUU U GCACUAGU	7991	ACUAGUGC CUGAUGAG GCCGUUAGGC CGAA AAGUUAUG 263	367
3006	8024	UUUGCACU A GUUGGGGC	7992	GCCCCAAC CUGAUGAG GCCGUUAGGC CGAA AGUGCAAA 263	368
3009	8021	GCACUAGU U GGGGCUCU	7993	AGAGCCCC CUGAUGAG GCCGUUAGGC CGAA ACUAGUGC 263	369
3016	8014	UUGGGGCU C UUCAUGUC	7994	GACAUGAA CUGAUGAG GCCGUUAGGC CGAA AGCCCCAA 263	370
3018	8012	GGGGCUCU U CAUGUCCG	7995	CGGACAUG CUGAUGAG GCCGUUAGGC CGAA AGAGCCCC 263	371
3019	8011	GGGCUCUU C AUGUCCGG	7996	CCGGACAU CUGAUGAG GCCGUUAGGC CGAA AAGAGCCC 263	372
3024	8006	CUUCAUGU C CGGGACCG	7997	CGGUCCCG CUGAUGAG GCCGUUAGGC CGAA ACAUGAAG 263	373
3037	7993	ACCGCCCU U UGUGUACC	7998	GGUACACA CUGAUGAG GCCGUUAGGC CGAA AGGGCGGU 263	374
3038	7992	CCGCCCUU U GUGUACCC	7999	GGGUACAC CUGAUGAG GCCGUUAGGC CGAA AAGGGCGG 263	375
3043	7987	CUUUGUGU A CCCUCUGA	8000	UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 263	376
3048	7982	UGUACCCU C UGACUUCU	8001	AGAAGUCA CUGAUGAG GCCGUUAGGC CGAA AGGGUACA 263	377
3054	7976	CUCUGACU U CUUGGACU	8002	AGUCCAAG CUGAUGAG GCCGUUAGGC CGAA AGUCAGAG 263	378
3055	7975	UCUGACUU C UUGGACUC	8003	GAGUCCAA CUGAUGAG GCCGUUAGGC CGAA AAGUCAGA 263	379
3057	7973	UGACUUCU U GGACUCUU	8004	AAGAGUCC CUGAUGAG GCCGUUAGGC CGAA AGAAGUCA 263	380
3063	7967	CUUGGACU C UUUUUUGG	8005	CCAAAAA CUGAUGAG GCCGUUAGGC CGAA AGUCCAAG 263	381
3065	7965	UGGACUCU U UUUUGGGU	8006	ACCCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAGUCCA 263	382
3066	7964	GGACUCUU U UUUGGGUU	8007	AACCCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAGUCC 263	383
3067	7963	GACUCUUU U UUGGGUUG	8008	CAACCCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAGUC 263	384
3068	7962	ACUCUUUU U UGGGUUGC	8009	GCAACCCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAGU 263	385
3069	7961	CUCUUUUU U GGGUUGCC	8010	GGCAACCC CUGAUGAG GCCGUUAGGC CGAA AAAAAGAG 263	386
3074	7956	UUUUGGGU U GCCAUAUA	8011	UAUAUGGC CUGAUGAG GCCGUUAGGC CGAA ACCCAAAA 263	387
3080	7950	GUUGCCAU A UAGUAACA	8012	UGUUACUA CUGAUGAG GCCGUUAGGC CGAA AUGGCAAC 263	388
3082	7948	UGCCAUAU A GUAACACC	8013	GGUGUUAC CUGAUGAG GCCGUUAGGC CGAA AUAUGGCA 263	389
3085	7945	CAUAUAGU A ACACCAAC	8014	GUUGGUGU CUGAUGAG GCCGUUAGGC CGAA ACUAUAUG 263	390
3099	7931	AACCGCCU C UUCCACAU	8015	<u></u>	391
3101	7929	CCGCCUCU U CCACAUCC	8016	GGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AGAGGCGG 263	392
3102	7928	CGCCUCUU C CACAUCCA	8017	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA AAGAGGCG 263	393
3108	7922	UUCCACAU C CAAGGUCA	8018	<u>}</u>	394
3115	7915	UCCAAGGU C AAUCACUU	8019		395
3119	7911	AGGUCAAU C ACUUUUCC	8020	GGAAAAGU CUGAUGAG GCCGUUAGGC CGAA AUUGACCU 263	396
3123	7907	CAAUCACU U UUCCGACC	8021	GGUCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGAUUG 263	397
3124	7906	AAUCACUU U UCCGACCG	8022	CGGUCGGA CUGAUGAG GCCGUUAGGC CGAA AAGUGAUU 263	398
3125	7905	AUCACUUU U CCGACCGG	8023	CCGGUCGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU 263	399
3126	7904	UCACUUUU C CGACCGGU	8024	ACCGGUCG CUGAUGAG GCCGUUAGGC CGAA AAAAGUGA 264	400
3135	7895	CGACCGGU U CGAGAAAC	8025		401
3136	7894	GACCGGUU C GAGAAACC	8026	GGUUUCUC CUGAUGAG GCCGUUAGGC CGAA AACCGGUC 264	402
3146	7884	AGAAACCU C CGUUCGAC	8027	GUCGAACG CUGAUGAG GCCGUUAGGC CGAA AGGUUUCU 264	403
3150	7880	ACCUCCGU U CGACCAGC	8028	GCUGGUCG CUGAUGAG GCCGUUAGGC CGAA ACGGAGGU 264	404
3151	7879	CCUCCGUU C GACCAGCC	8029	GGCUGGUC CUGAUGAG GCCGUUAGGC CGAA AACGGAGG 264	405
3162	7868	CCAGCCAU C UCAGUUUU	8030	<u></u>	406
3164	7866	AGCCAUCU C AGUUUUGC	8031	GCAAAACU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU 264	407
3168	7862	AUCUCAGU U UUGCUGUG	8032	. <del></del>	408
3169	7861	UCUCAGUU U UGCUGUGC	8033	<u> </u>	409
3170	7860	CUCAGUUU U GCUGUGCC	8034		410
3182	7848	GUGCCCCU A GAGACUGG	8035	<u> </u>	411
3198	7832	GAUGCCCU C CAGUGACA	8036		412
3208	7822	AGUGACAU U GCCUUCUU	8037		413
3213	7817	CAUUGCCU U CUUUCCUG	8038		414
3214	7816	AUUGCCUU C UUUCCUGG	8039	<u> </u>	415
3216	7814	UGCCUUCU U UCCUGGCG	8040		416
3217	7813	GCCUUCUU U CCUGGCGU	8041		417
3218	7812	CCUUCUUU C CUGGCGUG	8042		418
3228	7802	UGGCGUGU U UUGCCGCU	8043	<u></u>	419
3229	7801	GCCGUGUU U UGCCGCUG	8044		420
3230	7800	GCGUGUUU U GCCGCUGA	8045		421
3244	7786	UGAGCGAU C GACUUCGA	8046		422
3249	7781	GAUCGACU U CGAUGAUG	8047		423
3250	7780	AUCGACUU C GAUGAUGG	8048		424
3262	7768	GAUGGCCU C UUUGCGGU	8049		425
3202	1 //00		1 0043	ACCOUNT COGNOTO OCCOUNTOC CONT ACCOUNCE 201	

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3264	7766	UGGCCUCU U UGCGGUAC	8050	GUACCGCA CUGAUGAG GCCGUUAGGC CGAA AGAGGCCA 26	426
3265	7765	GGCCUCUU U GCGGUACC	8051	GGUACCGC CUGAUGAG GCCGUUAGGC CGAA AAGAGGCC 264	427
3271	7759	UUUGCGGU A CCUAGUGA	8052	UCACUAGG CUGAUGAG GCCGUUAGGC CGAA ACCGCAAA 264	428
3275	7755	CGGUACCU A GUGAACUC	8053	GAGUUCAC CUGAUGAG GCCGUUAGGC CGAA AGGUACCG 264	429
3283	7747	AGUGAACU C UUCUUUUG	8054	CAAAAGAA CUGAUGAG GCCGUUAGGC CGAA AGUUCACU 264	430
3285	7745	UGAACUCU U CUUUUGUC	8055	GACAAAAG CUGAUGAG GCCGUUAGGC CGAA AGAGUUCA 264	431
3286	7744	GAACUCUU C UUUUGUCA	8056	<u> </u>	432
3288	7742	ACUCUUCU U UUGUCAUC	8057	<u> </u>	433
3289	7741	CUCUUCUU U UGUCAUCU	8058		434
3290	7740	UCUUCUUU U GUCAUCUG	8059		435
3293	7737	UCUUUUGU C AUCUGGUU	8060		436
3296	7734	UUUGUCAU C UGGUUGAG	8061	<u> </u>	437
3301	7729	CAUCUGGU U GAGUCUUU	8062	<del></del>	438
3306	7724	GGUUGAGU C UUUCUUUC	8063		439
3308	7722	UUGAGUCU U UCUUUCCA	8064		440
3309	7721	UGAGUCUU U CUUUCCAA	8065		441
3310	7720	GAGUCUUU C UUUCCAAA	8066	<u> </u>	442
3312	7718	GUCUUUCU U UCCAAACC	8067		443
3313	7717	UCUUUCUU U CCAAACCU	8068	<u> </u>	444
3314	7716	CUUUCUUU C CAAACCUC	8069	·	445
3322	7708	CCAAACCU C UCCCAAGG	8070	<u> </u>	446
3324	7706	AAACCUCU C CCAAGGUG	8071		447
3336	7694	AGGUGCGU C CUUUUGCC	8072		448
3339	7691	UGCGUCCU U UUGCCCCA	8073	<u> </u>	449
3340	7690	GCGUCCUU U UGCCCCAC	8074		450
3341	7689	CGUCCUUU U GCCCCACC	8075	<u> </u>	451
3351	7679	CCCACCU C UUUUAGU	8076		452
3353	7677	CCACCUCU U UUUAGUCC	8077		453
3354	7676	CACCUCUU U UUAGUCCU	8078		454
3355	7675	ACCUCUUU U UAGUCCUG	8079		455
3356	7674	CCUCUUUU U AGUCCUGG	8080	<del></del>	456
3357	7673	CUCUUUUU A GUCCUGGU	8081		457
3360	7670	UUUUUAGU C CUGGUUUU	8082	+	458
3366	7664	GUCCUGGU U UUUCCAUG	8083		459
3367	7663	UCCUGGUU U UUCCAUGU	8084		460
3368	7662	CCUGGUUU U UCCAUGUU	8085	AACAUGGA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG 26	461
3369	7661	CUGGUUUU U CCAUGUUC	8086		462
3370	7660	UGGUUUUU C CAUGUUCU	8087		463
3376	7654	UUCCAUGU U CUUUAUGA	8088	UCAUAAAG CUGAUGAG GCCGUUAGGC CGAA ACAUGGAA 264	464
3377	7653	UCCAUGUU C UUUAUGAG	8089	<del></del>	465
3379	7651	CAUGUUCU U UAUGAGUG	8090	CACUCAUA CUGAUGAG GCCGUUAGGC CGAA AGAACAUG 264	466
3380	7650	AUGUUCUU U AUGAGUGU	8091	ACACUCAU CUGAUGAG GCCGUUAGGC CGAA AAGAACAU 264	467
3381	7649	UGUUCUUU A UGAGUGUC	8092	GACACUCA CUGAUGAG GCCGUUAGGC CGAA AAAGAACA 264	468
3389	7641	AUGAGUGU C CAUGUUAU	8093	<del> </del>	469
3395	7635	GUCCAUGU U AUGGAUAG	8094	CUAUCCAU CUGAUGAG GCCGUUAGGC CGAA ACAUGGAC 264	470
3396	7634	UCCAUGUU A UGGAUAGA	8095	<del> </del>	471
3402	7628	UUAUGGAU A GACAUGAC	8096	GUCAUGUC CUGAUGAG GCCGUUAGGC CGAA AUCCAUAA 264	472
3441	7589	GGCAGAGU C CGAUGGCA	8097	UGCCAUCG CUGAUGAG GCCGUUAGGC CGAA ACUCUGCC 264	473
3452	7578	AUGGCAGU U GUUGCGUU	8098	AACGCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGCCAU 264	474
3455	7575	GCAGUUGU U GCGUUCCA	8099		475
3460	7570	UGUUGCGU U CCAAACAG	8100		476
3461	7569	GUUGCGUU C CAAACAGA	8101	UCUGUUUG CUGAUGAG GCCGUUAGGC CGAA AACGCAAC 264	477
3473	7557	ACAGAGCU U GCUCCAUU	8102	AAUGGAGC CUGAUGAG GCCGUUAGGC CGAA AGCUCUGU 264	478
3477	7553	AGCUUGCU C CAUUCUCC	8103	GGAGAAUG CUGAUGAG GCCGUUAGGC CGAA AGCAAGCU 264	479
3481	7549	UGCUCCAU U CUCCCAAA	8104		480
3482	7548	GCUCCAUU C UCCCAAAG	8105		481
3484	7546	UCCAUUCU C CCAAAGCG	8106		482
3494	7536	CAAAGCGU C ACCGCUGC	8107		483
3512	7518	GCCGUGAU C AAAAUUCC	8108		484
3518	7512	AUCAAAAU U CCGGCUUC	8109		485
3519	7511	UCAAAAUU C CGGCUUCU	8110		486
3525	7505	UUCCGGCU U CUCGUACU	8111		487
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2526	7504	UCCGGCUU C UCGUACUG	8112	CAGUACGA CUGAUGAG GCCGUUAGGC CGAA AAGCCGGA 264
3526		CGGCUUCU C GUACUGUC	8113	GACAGUAC CUGAUGAG GCCGUUAGGC CGAA AGAAGCCG 264
3528	7502		8114	GAAGACAG CUGAUGAG GCCGUUAGGC CGAA ACGAGAAG 264
3531	7499	CUUCUCGU A CUGUCUUC		UCUGUGAA CUGAUGAG GCCGUUAGGC CGAA ACAGUACG 264
3536	7494	CGUACUGU C UUCACAGA	8115	CGUCUGUG CUGAUGAG GCCGUUAGGC CGAA AGACAGUA 264
3538	7492	UACUGUCU U CACAGACG	8116	
3539	7491	ACUGUCUU C ACAGACGG	8117	CCGUCUGU CUGAUGAG GCCGUUAGGC CGAA AAGACAGU 264
3550	7480	AGACGGGU U CACUACUA	8118	UAGUAGUG CUGAUGAG GCCGUUAGGC CGAA ACCCGUCU 264
3551	7479	GACGGGUU C ACUACUAC	8119	GUAGUAGU CUGAUGAG GCCGUUAGGC CGAA AACCCGUC 264
3555	7475	GGUUCACU A CUACUGCA	8120	UGCAGUAG CUGAUGAG GCCGUUAGGC CGAA AGUGAACC 264
3558	7472	UCACUACU A CUGCAGCU	8121	AGCUGCAG CUGAUGAG GCCGUUAGGC CGAA AGUAGUGA 264
3567	7463	CUGCAGCU A GAGACACC	8122	GGUGUCUC CUGAUGAG GCCGUUAGGC CGAA AGCUGCAG 264
3581	7449	ACCAAGAU C AGCAUGAU	8123	AUCAUGCU CUGAUGAG GCCGUUAGGC CGAA AUCUUGGU 264
3590	7440	AGCAUGAU C UGUCCAAC	8124	GUUGGACA CUGAUGAG GCCGUUAGGC CGAA AUCAUGCU 265
3594	7436	UGAUCUGU C CAACUUUC	8125	GAAAGUUG CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA 265
3600	7430	GUCCAACU U UCUUCUGC	8126	GCAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGUUGGAC 265
3601	7429	UCCAACUU U CUUCUGCA	8127	UGCAGAAG CUGAUGAG GCCGUUAGGC CGAA AAGUUGGA 265
	7428	CCAACUUU C UUCUGCAU	8128	AUGCAGAA CUGAUGAG GCCGUUAGGC CGAA AAAGUUGG 265
3602		AACUUUCU U CUGCAUGA	8129	UCAUGCAG CUGAUGAG GCCGUUAGGC CGAA AGAAAGUU 265
3604	7426		8130	AUCAUGCA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGU 265
3605	7425	ACUUUCUU C UGCAUGAU	8131	CAGAAUUA CUGAUGAG GCCGUUAGGC CGAA AGCGCACC 265
3628	7402	GGUGCGCU C UAAUUCUG	8131	CCCAGAAU CUGAUGAG GCCGUUAGGC CGAA AGAGCGCA 265
3630	7400	UGCGCUCU A AUUCUGGG		CGUCCCAG CUGAUGAG GCCGUUAGGC CGAA AUUAGAGC 265
3633	7397	GCUCUAAU U CUGGGACG	8133	
3634	7396	CUCUAAUU C UGGGACGU	8134	
3643	7387	UGGGACGU C CGUGGCCA	8135	UGGCCACG CUGAUGAG GCCGUUAGGC CGAA ACGUCCCA 265
3661	7369	GAUGCCAU C CACUACAG	8136	CUGUAGUG CUGAUGAG GCCGUUAGGC CGAA AUGGCAUC 265
3666	7364	CAUCCACU A CAGCGUUC	8137	GAACGCUG CUGAUGAG GCCGUUAGGC CGAA AGUGGAUG 265
3673	7357	UACAGCGU U CUUCAUGA	8138	UCAUGAAG CUGAUGAG GCCGUUAGGC CGAA ACGCUGUA 265
3674	7356	ACAGCGUU C UUCAUGAU	8139	AUCAUGAA CUGAUGAG GCCGUUAGGC CGAA AACGCUGU 265
3676	7354	AGCGUUCU U CAUGAUUC	8140	GAAUCAUG CUGAUGAG GCCGUUAGGC CGAA AGAACGCU 265
3677	7353	GCGUUCUU C AUGAUUCC	8141	GGAAUCAU CUGAUGAG GCCGUUAGGC CGAA AAGAACGC 265
3683	7347	UUCAUGAU U CCGGCCGC	8142	GCGGCCGG CUGAUGAG GCCGUUAGGC CGAA AUCAUGAA 265
3684	7346	UCAUGAUU C CGGCCGCU	8143	AGCGGCCG CUGAUGAG GCCGUUAGGC CGAA AAUCAUGA 269
3695	7335	GCCGCUGU C CGCCGCUG	8144	CAGCGGCG CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 269
3716	7314	GAGCGCAU U GCCUCAGC	8145	GCUGAGGC CUGAUGAG GCCGUUAGGC CGAA AUGCGCUC 265
3721	7309	CAUUGCCU C AGCUUGCC	8146	GGCAAGCU CUGAUGAG GCCGUUAGGC CGAA AGGCAAUG 26
3726	7304	CCUCAGCU U GCCAACCG	8147	CGGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGCUGAGG 265
3745	7285	AACCAUGU A GGCAUAGU	8148	ACUAUGCC CUGAUGAG GCCGUUAGGC CGAA ACAUGGUU 265
	7279	GUAGGCAU A GUGGCAAA	8149	UUUGCCAC CUGAUGAG GCCGUUAGGC CGAA AUGCCUAC 269
3751			8150	ACAGCGGC CUGAUGAG GCCGUUAGGC CGAA ACACUCCU 265
3770	7260	AGGAGUGU U GCCGCUGU	8151	GUUACGGU CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 265
3779	7251	GCCGCUGU U ACCGUAAC		
3780	7250	CCGCUGUU A CCGUAACG	8152	
	7245	GUUACCGU A ACGGUGAG	8153	
3801	7229	GGGUGACU U GUCCCCAG	8154	CUGGGGAC CUGAUGAG GCCGUUAGGC CGAA AGUCACCC 265
3804	7226	UGACUUGU C CCCAGCAU	8155	AUGCUGGG CUGAUGAG GCCGUUAGGC CGAA ACAAGUCA 265
3813	7217	CCCAGCAU C CGGCUGCU	8156	AGCAGCCG CUGAUGAG GCCGUUAGGC CGAA AUGCUGGG 265
3822	7208	CGGCUGCU A GCAGGAGA	8157	UCUCCUGC CUGAUGAG GCCGUUAGGC CGAA AGCAGCCG 265
3840	7190	CCGACACU C CAACAUCG	8158	CGAUGUUG CUGAUGAG GCCGUUAGGC CGAA AGUGUCGG 269
3847	7183	UCCAACAU C GACGAAGG	8159	CCUUCGUC CUGAUGAG GCCGUUAGGC CGAA AUGUUGGA 26
3864	7166	GGAAGCCU C GCGCGAGU	8160	ACUCGCGC CUGAUGAG GCCGUUAGGC CGAA AGGCUUCC 269
3879	7151	GUGUGAAU A GUGCACUU	8161	AAGUGCAC CUGAUGAG GCCGUUAGGC CGAA AUUCACAC 26
3887	7143	AGUGCACU U GCCUGAAC	8162	GUUCAGGC CUGAUGAG GCCGUUAGGC CGAA AGUGCACU 26
3898	7132	CUGAACGU U UAUUGAGG	8163	CCUCAAUA CUGAUGAG GCCGUUAGGC CGAA ACGUUCAG 26
3899	7131	UGAACGUU U AUUGAGGU	8164	ACCUCAAU CUGAUGAG GCCGUUAGGC CGAA AACGUUCA 26
3900	7130	GAACGUUU A UUGAGGUC	8165	GACCUCAA CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26
3902	7128	ACGUUUAU U GAGGUCAA	8166	UUGACCUC CUGAUGAG GCCGUUAGGC CGAA AUAAACGU 26
3908	7122	AUUGAGGU C AAUGAGGU	8167	ACCUCAUU CUGAUGAG GCCGUUAGGC CGAA ACCUCAAU 26
3919	7111	UGAGGUGU U GAUGUAAU	8168	AUUACAUC CUGAUGAG GCCGUUAGGC CGAA ACACCUCA 26
3925	7105	GUUGAUGU A AUCUGACG	8169	CGUCAGAU CUGAUGAG GCCGUUAGGC CGAA ACAUCAAC 26
<u> </u>	<del></del>	<u></u>	8170	UCACGUCA CUGAUGAG GCCGUUAGGC CGAA AUUACAUC 26
3928	7102	GAUGUAAU C UGACGUGA		
3938	7092	GACGUGAU C AAAUGCUU	8171	
3946	7084	CAAAUGCU U UAGCAGUG	8172	CACUGCUA CUGAUGAG GCCGUUAGGC CGAA AGCAUUUG 26
3947	7083	AAAUGCUU U AGCAGUGG	8173	CCACUGCU CUGAUGAG GCCGUUAGGC CGAA AAGCAUUU 26

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Table VIII							
3948	7082	AAUGCUUU A GCAGUGGA	8174	UCCACUGC CUGAUGAG GCCGUUAGGC CGAA AAAGCAUU	26550		
3971	7059	ACCGCUGU U GUCACAGC	8175	GCUGUGAC CUGAUGAG GCCGUUAGGC CGAA ACAGCGGU	26551		
3974	7056	GCUGUUGU C ACAGCGUA	8176	UACGCUGU CUGAUGAG GCCGUUAGGC CGAA ACAACAGC	26552		
3982	7048	CACAGCGU A CAGUGACC	8177	GGUCACUG CUGAUGAG GCCGUUAGGC CGAA ACGCUGUG	26553		
3998	7032	CAGGCUGU U GCCGGCCU	8178	AGGCCGGC CUGAUGAG GCCGUUAGGC CGAA ACAGCCUG	26554		
4007	7023	GCCGGCCU C AAGUCCAA	8179	UUGGACUU CUGAUGAG GCCGUUAGGC CGAA AGGCCGGC	26555		
4012	7018	CCUCAAGU C CAAAAGAA	8180	UUCUUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUGAGG	26556		
4024	7006	AAGAAACU C UCCCAUGC	8181	GCAUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUUUCUU	26557		
4026	7004	GAAACUCU C CCAUGCUG	8182	CAGCAUGG CUGAUGAG GCCGUUAGGC CGAA AGAGUUUC	26558		
4039	6991	GCUGAAAU U CUCCUUGA	8183	UCAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUUUCAGC	26559		
4040	6990	CUGAAAUU C UCCUUGAC	8184	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA AAUUUCAG	26560		
4042	6988	GAAAUUCU C CUUGACCU	8185	AGGUCAAG CUGAUGAG GCCGUUAGGC CGAA AGAAUUUC	26561		
4045	6985	AUUCUCCU U GACCUCAA	8186	UUGAGGUC CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU	26562		
4051	6979	CUUGACCU C AAUUCUUU	8187	AAAGAAUU CUGAUGAG GCCGUUAGGC CGAA AGGUCAAG	26563		
4055	6975	ACCUCAAU U CUUUGCCC	8188	GGGCAAAG CUGAUGAG GCCGUUAGGC CGAA AUUGAGGU	26564		
4056	6974	CCUCAAUU C UUUGCCCA	8189	UGGGCAAA CUGAUGAG GCCGUUAGGC CGAA AAUUGAGG	26565		
4058	6972	UCAAUUCU U UGCCCAAA	8190	UUUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGAAUUGA	26566		
4059	6971	CAAUUCUU U GCCCAAAC	8191	GUUUGGGC CUGAUGAG GCCGUUAGGC CGAA AAGAAUUG	26567		
4076	6954	AAACUGCU U AUGUCACU	8192	AGUGACAU CUGAUGAG GCCGUUAGGC CGAA AGCAGUUU	26568		
4077	6953	AACUGCUU A UGUCACUC	8193	GAGUGACA CUGAUGAG GCCGUUAGGC CGAA AAGCAGUU	26569		
4081	6949	GCUUAUGU C ACUCUUGG	8194	CCAAGAGU CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC	26570		
4085	6945	AUGUCACU C UUGGUCUU	8195	AAGACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGACAU	26571		
4087	6943	GUCACUCU U GGUCUUAU	8196	AUAAGACC CUGAUGAG GCCGUUAGGC CGAA AGAGUGAC	26572		
4091	6939	CUCUUGGU C UUAUCUAG	8197	CUAGAUAA CUGAUGAG GCCGUUAGGC CGAA ACCAAGAG	26573		
4093	6937	CUUGGUCU U AUCUAGCC	8198	GGCUAGAU CUGAUGAG GCCGUUAGGC CGAA AGACCAAG	26574		
4094	6936	UUGGUCUU A UCUAGCCA	8199	UGGCUAGA CUGAUGAG GCCGUUAGGC CGAA AAGACCAA	26575		
4096	6934	GGUCUUAU C UAGCCAAC	8200	GUUGGCUA CUGAUGAG GCCGUUAGGC CGAA AUAAGACC	26576		
4098	6932	UCUUAUCU A GCCAACCC	8201	GGGUUGGC CUGAUGAG GCCGUUAGGC CGAA AGAUAAGA	26577		
4109	6921	CAACCCAU C UCGUUGGC	8202	GCCAACGA CUGAUGAG GCCGUUAGGC CGAA AUGGGUUG	26578		
4111	6919	ACCCAUCU C GUUGGCUG	8203	CAGCCAAC CUGAUGAG GCCGUUAGGC CGAA AGAUGGGU	26579		
4114	6916	CAUCUCGU U GGCUGCCA	8204	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA ACGAGAUG	26580		
4130	6900	ACUGCGCU C ACAAGGGU	8205	ACCCUUGU CUGAUGAG GCCGUUAGGC CGAA AGCGCAGU	26581		
4139	6891	ACAAGGGU C AUGACACA	8206	UGUGUCAU CUGAUGAG GCCGUUAGGC CGAA ACCCUUGU	26582		
4151	6879	ACACAAAU C AGGAACAC	8207	GUGUUCCU CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU	26583		
4164	6866	ACACGGCU A GCUGGUUG	8208	CAACCAGC CUGAUGAG GCCGUUAGGC CGAA AGCCGUGU	26584		
4171	6859	UAGCUGGU U GUCUGUCU	8209	AGACAGAC CUGAUGAG GCCGUUAGGC CGAA ACCAGCUA	26585		
4174	6856	COGGOOGO C OGUCOGCG	8210	CGCAGACA CUGAUGAG GCCGUUAGGC CGAA ACAACCAG	26586		
4178	6852	UUGUCUGU C UGCGAACG	8211	CGUUCGCA CUGAUGAG GCCGUUAGGC CGAA ACAGACAA	26587		
4188	6842	GCGAACGU U GCUUCUCU	8212	AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA ACGUUCGC	26588		
4192	6838	ACGUUGCU U CUCUGGCU	8213	AGCCAGAG CUGAUGAG GCCGUUAGGC CGAA AGCAACGU	26589		
4193	6837	cenneenn c neneeene	8214	GAGCCAGA CUGAUGAG GCCGUUAGGC CGAA AAGCAACG	26590		
4195	6835	UUGCUUCU C UGGCUCAG	8215	CUGAGCCA CUGAUGAG GCCGUUAGGC CGAA AGAAGCAA	26591		
4201	6829	CUCUGGCU C AGGAAUUA	8216	UAAUUCCU CUGAUGAG GCCGUUAGGC CGAA AGCCAGAG	26592		
4208	6822	UCAGGAAU U AGCACAAU	8217	AUUGUGCU CUGAUGAG GCCGUUAGGC CGAA AUUCCUGA	26593		
4209	6821	CAGGAAUU A GCACAAUC	8218	GAUUGUGC CUGAUGAG GCCGUUAGGC CGAA AAUUCCUG	26594		
4217	6813	AGCACAAU C AUCAAGAG	8219	CUCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUUGUGCU	26595		
4220	6810	ACAAUCAU C AAGAGAAG	8220	CUUCUCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUUGU	26596		
4244	6786	AGCAACAU U CCGGCGAU	8221	AUCGCCGG CUGAUGAG GCCGUUAGGC CGAA AUGUUGCU	26597		
4245	6785	GCAACAUU C CGGCGAUC	8222	GAUCGCCG CUGAUGAG GCCGUUAGGC CGAA AAUGUUGC	26598		
4253	6777	CCGGCGAU C UUCGUUCC	8223	GGAACGAA CUGAUGAG GCCGUUAGGC CGAA AUCGCCGG	26599		
4255	6775	GGCGAUCU U CGUUCCUG	8224	CAGGAACG CUGAUGAG GCCGUUAGGC CGAA AGAUCGCC	26600		
4256	6774	GCGAUCUU C GUUCCUGG	8225	CCAGGAAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCGC	26601		
4259	6771	AUCUUCGU U CCUGGAAC	8226	GUUCCAGG CUGAUGAG GCCGUUAGGC CGAA ACGAAGAU	26602		
4260	6770	UCUUCGUU C CUGGAACU	8227	AGUUCCAG CUGAUGAG GCCGUUAGGC CGAA AACGAAGA	26603		
4269	6761	CUGGAACU U CAGCCAUC	8228	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUUCCAG	26604		
4270	6760	UGGAACUU C AGCCAUCC	8229	GGAUGGCU CUGAUGAG GCCGUUAGGC CGAA AAGUUCCA	26605		
4277	6753	UCAGCCAU C CAACAGAA	8230	UUCUGUUG CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26606		
4292	6738	AAAAAGGU C GCGACUCC	8231	GGAGUCGC CUGAUGAG GCCGUUAGGC CGAA ACCUUUUU	26607		
4299	6731	UCGCGACU C CCAAGACA	8232	UGUCUUGG CUGAUGAG GCCGUUAGGC CGAA AGUCGCGA	26608		
4314	6716	CAGCGCCU C CCAAACCU	8233	AGGUUUGG CUGAUGAG GCCGUUAGGC CGAA AGGCGCUG	26609		
4323	6707	CCAAACCU A UCUUUCCA	B234	UGGAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUUGG	26610		
4325	6705	AAACCUAU C UUUCCAAU	8235	AUUGGAAA CUGAUGAG GCCGUUAGGC CGAA AUAGGUUU	26611		

1927   1973   ACCURINGO U UCCANDICC   8236   GOLUNGO CURANDRO COMA MARIAGO   26613   1928   1970   CURAUGUU U CANDICCC   8238   GOGUNUS CURANDRO COMA MARIAGO   26613   1933   6571   ANDUCCCU U COCCUGO   8238   GOGUNUS CURANDRO   COMANDRO COMA MARIAGO   26613   1933   6570   ANDUCCCU U COCCUGO   8239   UCCANDRO CURANDRO   COCUMUS   COMA MARIAGO   26613   1932   COCCUMUS   COMANDRO CURANDRO   COCCUMUS   COMANDRO CURANDRO   COCCUMUS   COMANDRO   COCCUMUS   CO		W O 02/	008037	Tabl	le VIII	
1333   6591   CHINICTUTI C CALIDECC   8228   GOSCAUUS CUIDAUGIG GOCALIDAGE CORA ARGOLOU 26615   13210   6591   ANIDOCOTI C COCURON   8240   ANGAROS CUIDAUGIG GOCALIDAGE CORA ARGOLOU 26615   1325   6568   GORANDATI A CUICCUTIS   8240   ANGAROS CUIDAUGIG GOCALIDAGE CORA ARGOLOU 26615   1326   6568   GORANDATI A CUICCUTIS   8241   CAUGAGIG CUIDAUGIG GOCALIDAGE CORA ARGOLOU 26615   1327   6568   GORANDATI A CUICCUTIS   8242   ANCAROS CUIDAUGIG GOCALIDAGE CORA ARGOLOU 26614   1327   6567   COCONIGO LO ANCAROT   8242   ANCAROS CUIDAUGIG GOCALIDAGE CORA ARUNIUCU 26613   1328   6668   ANGAROS CUIDAGE CANCARD   8242   ANCARDO CUIDAGE CORA ARUNIUCU 26614   1329   6664   ANGAROS CUIDAGE CANCARD   8242   ANGAROS CUIDAGE CORA ARUNIUCU 26614   1320   6664   ANGAROS CUIDAGE CANCARD   8243   ANGAROS CUIDAGE CORA ARUNIUCU 26614   1320   6664   ANGAROS CUIDAGE CANCARD   8245   GOCULUMO CUIDAGE CORA ARUNIUCU 26613   1320   6664   ANGAROS CUIDAGE CANCARD   8246   GOCULUMO CUIDAGE CORA ARUNIUCU 26613   1321   6664   ANGAROS CUIDAGE CORA ARUNIUCU 26613   1322   6667   ANGAROS CUIDAGE CORA ARUNIUCU 26613   1323   6667   ANGAROS CUIDAGE CORA ARUNIUCU 26613   1324   6667   CAUGUS CUIDAGE CORA ARUNIUCU 26613   1324   6667   CAUGUS CUIDAGE CORA ARUNIUCU 26613   1324   6667   ANGAROS CUIDAGE CORA ARUNIUCU 26613   1324   6667   CAUGUS CU	4327	6703	ACCUAUCU U UCCAAUGC	8236	GCAUUGGA CUGAUGAG GCCGUUAGGC CGAA AGAUAGGU 26	612
1310   16691   ANIDOCOTI   COCCURIGA   8239   UGCARGOS CUIDARGOS   COCANAGOS CAN ARGOCAU   26516   1324   6669   ANIDOCOTI   COCCURIO   8240   ANIGOCOTI   COCANAGOS   COCANAGOS   CONTROLOS   COCANAGOS   CONTROLOS   CONTR	4328	6702	CCUAUCUU U CCAAUGCC	8237	GGCAUUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUAGG 26	5613
1452   6669	4329	6701	CUAUCUUU C CAAUGCCC	8238	GGGCAUUG CUGAUGAG GCCGUUAGGC CGAA AAAGAUAG 26	5614
14555   6666   GRANARIO   CONCOURD   8241   CAUGGING CUGALING COMPANIES CANA AUTOURO   26618   14555   6665   ANABIECTO   CONTROLOGY   8241   AUTOUROR CUGALING COMPANIES CONA AUTOUROR   26618   14576   6665   AUTOUROR   CANACANA   8244   AUTOUROR CUGALING COMPANIES CONA ACCURIGO   26619   14576   6665   AUTOUROR   CANACANA   8244   AUTOUROR CUGALING COMPANIES CONA ACCURIGO   26619   14576   6665   AUTOUROR   CANACANA   8244   AUTOUROR CUGALING COMPANIES CONA ACCURIGO   26619   14576   6665   AUTOUROR   CANACANA   8246   GEOUROR CUGALING CUGALING COMPANIES CONA AUTOUROR   26619   14576   66664   AUTOUROR   CANACANA   8246   GEOUROR CUGALING CUGALING CUGALING CUGALING COMPANIES CONA AUTOCOMP   26612   14476   66664   AUTOUROR   CUGALING CUG	4339	6691	AAUGCCCU U CCGCUGCA	8239	UGCAGCGG CUGAUGAG GCCGUUAGGC CGAA AGGGCAUU 26	5615
1375   6665   GARNINGU C CATIGGIC   8212   GACCAIGG CURAINING COMUNIAGE CRIA AGUATURU   26618   4377   6654   AURGUCAU C ANCIANACA   8214   URIAGUGU CIVARITIAG GCOGULINGC CRIA AGUATURU   26619   4376   6654   AURGUCAU C ANCIANACA   8214   URIAGUGU CIVARITIAG GCOGULINGC CRIA AURGUCAU   26610   4386   6664   AURCANAC C ANLIANGUC   8215   GCOUNTI CURAINING GCOGULINGC CRIA AURGUCAU   26621   4394   6636   AURCANAC C ANLIANGUC   8216   GCOUNTI CURAINING GCOGULINGC CRIA AURGUCAU   26621   4403   6637   AAGGCANU C URIAGUGU CURIANURA GCOGULINGC CRIA AURGUCAU   26624   4403   6637   AAGGCANU C URIAGRAG   8214   AURGUCAU CURIANURA GCOGULINGC CRIA AURUGAU   26624   4403   6637   AAGGCANU C URIAGRAG   8214   CURCARC CURIARRA GCOGULINGG CRIA AURUGAU   26624   4403   6632   AAGGCANU C URIAGRAG   8214   CURCARC CURIARRA GCOGULINGG CRIA AURUGAU   26624   4403   6632   AAGGCANU C URICARGA   8235   CURCARC CURIARRA GCOGULINGG CRIA AURUGAU   26624   4417   6613   AAGGCANU C URICARGA   8251   CURCARGA CURIARRA GCOGULINGG CRIA AURUGAU   26624   4417   6613   AAGGCANU C UCUCARGA   8251   CURCARGA CURIARRA GCOGULINGG CRIA AURUGAU   26624   4417   6613   AAGGCANU C UCUCARGA   8251   CURCARGA CURIARRA GCOGULINGG CRIA AURUGAU   26624   4419   6601   CACUUCAU C UCUCACA   8253   URICACAC CURIARRA GCOGULINGG CRIA AURUGAU   26627   4419   6651   AGGCCAU C UUCUCAC   8254   8254   AGGCCAU C UUCUCAC C UUCUCARGA   8254   AGGCCAU C UUCUCAC C UUCUCACA C UUCUCARGA GCOGULINGG CRIA AURUGAU   26631   4449   6591   AGGCCAU C UUCUCAC   8254   AGGCACA   26631   4449   6591   AGGCCAU C UUCUCAC   8254   AGGCACA CURIARRA GCOGULINGG CRIA AURUGAC   26631   4449   6591   AGGCCAU C UUCUCAC   8254   AGGCACA CURIARRA GCOGULINGG CRIA AURUGAC   26631   4459   6591   AGGCCAU C UUCUCAC   8254   AGGCACA CURIARRA GCOGULINGG CRIA AURUGAC   26631   4459   6591   AGGCCAU C UUCUCAC   8254   AGGCACA CURIARRA GCOGULINGG CRIA AURUGAC   26631   4459   6597   AGGCCAU C UUCUCAC   8256   AGGCACA CURIARRA GCOGULINGG CRIA AURUGAC   26631   4459   6597   AGGCCAU C UUCUCAC   8256	4340	6690	AUGCCCUU C CGCUGCAU	8240	AUGCAGCG CUGAUGAG GCCGUUAGGC CGAA AAGGGCAU 26	5616
1477   6655	4362	6668	GGAAGAAU A CUCCCAUG	8241	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA AUUCUUCC 26	5617
14352   6654   AUGUCADU C ANDROGO   2945   GOUUDAGO CUGANDAG COCANA AUGACCAU   2650   14385   6664   CACUDAN D A AGGCANIC   2946   GAUGCCO CUGANDAG COCANAGO COA AUGACCAU   26612   14386   6644   CACUDAN D A AGGCANIC   2946   GAUGCCO CUGANDAG COCANAGO COA AUGACCAU   26612   14396   66614   CACUDAN D A AGGCANIC   2947   AUGACCAU CUGANDAG COCANAGO COA AUGACCAU   26612   14403   6657   AAGGCANI U GUCUCAAG   2948   GOUCUCAC CUGANDAG COCANAGO COA AUGACCAU   26624   14403   6657   AAGGCANI U GUCUCAAG   2949   GOUCUCAC CUGANDAG COCANAGO COA ACANADOC   26624   14403   6667   AAGGCANI U CUCCAGG   2953   COUGAGA CUGANDAG COCANAGO COA ACANADOC   26624   14417   6613   AAGGCANI U CUCCAGG   2953   COUGAGA CUGANDAG COCANAGO COA ACANADOC   26624   14426   6604   UGACCAGU C CUCCAGG   2953   COUGAGA CUGANDAG COCANAGO COA ACANADOC   26624   14426   6604   UGACCAGU C CUCCAGG   2953   UGUCACAC CUGANDAG COCANAGO COA ACANADOC   26630   14426   6604   UGACCAGU C UUCCACCO   2953   UGUCACAC CUGANDAG COCANAGO COA ACANADOC   26630   14439   6691   CAGUUCAU C UUCCACCO   2954   2954   14439   6691   AGGCCAU C UUCCACCO   2954   2954   1449   6691   CAGUUCAU C UUCCUCCU   2956   2954	4365	6665	AGAAUACU C CCAUGGUC	8242	GACCAUGG CUGAUGAG GCCGUUAGGC CGAA AGUAUUCU 26	6618
1495   6648	4373	6657	CCCAUGGU C AUCACACU	8243	AGUGUGAU CUGAUGAG GCCGUUAGGC CGAA ACCAUGGG 26	5619
1986   6644   CACIURANI A AGRICIANU   9246   GAUTIGCT CUBATURA   GEOUTUAGO: CORA ATURGAGU   25622   1934   6632   ARGICANI U GUCUGAG   9248   CUDICADA: CUBATURA   GEOUTUAGO: CORA ATURGAGU   25624   14403   6627   ARGICANI U GUCUGAG   9248   CUDICADA: CUBATURA   GEOUTUAGO: CORA ATURGAGU   25624   14417   6613   ARGIACON C UGGCAGU   9250   ARCIGICA: CUBATURA   GEOUTUAGO: CORA ATURGACU   26624   14417   6613   ARGIACON C UGGCAGU   9250   CUCUGAGO GUCATURAGO   GEOUTUAGO: CORA ATURGACU   26624   14426   6604   UGGCAGU U CUCUCAGO   9251   CCUUGAGO GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26627   14426   6604   UGGCAGU U CUCUCAGO   9251   CCUUGAGO GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26627   14426   6601   CAGUUCCU C CAGGOCCA   9252   CCUUGAGO GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26627   14429   6601   CAGUUCCU C CAGGOCCA   9254   UGGCCCU GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26628   14439   6601   CAGUUCCU C UGUGAGC   9254   AGUUCACA GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26629   14449   6590   GGCCATU C UGUGAGCO   8256   AGUUCACA GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26631   1449   6591   DIGUAGOCO U UCUCUCUU   8256   AGUUCACA GUCATURAGO   GEOUTUAGO: CORA ATURGACO   26631   1449   6591   DIGUAGOCO U UCUCUCUU   8259   ARAGIAGAC GUGATURAGO   GEOUTUAGO: CORA ATURGACO   26631   1449   6591   GRACUCUU U CUUCUCCU   8256   AGUAGGACA CUGATURAGO   GEOUTUAGO: CORA ARAGIAGACO   26631   1449   6597   GRACUCUU U CUUCUCCU   8259   ARAGIAGAC GUGATURAGO   GEOUTUAGO: CORA ARAGIAGACO   26631   1449   6597   GRACUCUU U CUUCUCCU   8259   ARAGIAGACO   CUARURAGO   GEOUTUAGO: CORA ARAGIAGACO   26631   1449   6597   CUUCUCCU U CUUCUCCU   8259   ARAGIAGAC   CUARURAGO   GEOUTUAGO: CORA ARAGIAGACO   26631   1449   6597   CUUCUCCU U CUUCUCCU   8259   ARAGIAGACO   CUARURAGO   GEOUTUAGO: CORA ARAGIAGACO   26631   1449   6597   CUUCUCCU U CUUCUCCO   8256   ARAGIAGACO   CUARURAGO   GEOUTUAGO   GORA ARAGIAGACO   26631   1449   6597   CUUCUCCU U CUUCUCCU   8256   ARAGIAGACO   CUARURAGO   GEOUTUAGO   GORA ARAGIAGACO   26631   1449   6597	4376	6654	AUGGUCAU C ACACUCAA	8244	UUGAGUGU CUGAUGAG GCCGUUAGGC CGAA AUGACCAU 26	5620
1935   6636	4382	6648	AUCACACU C AAUAAGGC	8245	GCCUUAUU CUGAUGAG GCCGUUAGGC CGAA AGUGUGAU 26	5621
\$40.00   \$627	4386	6644	CACUCAAU A AGGCAAUC	8246	GAUUGCCU CUGAUGAG GCCGUUAGGC CGAA AUUGAGUG 26	5622
4405   6624   GCANUUGU C UGAGAGAC   8249   GCUCUUCA CUGAUGAG   GCGUUAGGC CGAA ACADUIGC   26625   4417   6613   AACAGCAU C UGGCAGUU   8259   AACIGCAC LUGAUGAG   GCGUUAGGC CGAA ACUGCCA   26627   4426   66601   CAGUUCCU C CAGGGCCA   8253   CCCUGGAG CUGAUGAG   GCGUUAGGC   CGAA ACUGCCA   26627   4426   66601   CAGUUCCU C CAGGGCCA   8253   CCCUGGAG CUGAUGAG   GCGUUAGGC   CGAA ACUGCCCA   26627   4439   6651   CAGUUCCU C CAGGGCCA   8253   UGGCCCU CUGAUGAG   GCGUUAGGC   CGAA ACUGACCA   26627   4439   6651   AAGGGCCAU U CUGUAGAC   8254   GCUCACAG CUGAUGAG   GCGUUAGGC   CGAA AGGAACCG   26621   4440   6591   AGGGCCAU U CUGUCCU   8256   AGUGACA CUGAUGAG   GCGUUAGGC   CGAA AGGAACCG   26631   4440   6591   GUGCACCU U CUCCUCCU   8256   AGUGACA CUGAUGAG   GCGUUAGGC   CGAA AGGACCA   26631   4440   6591   UGUGAGCU   CUCCUCUU   8257   AAAGGGGC   CUGAUGAG   GCGUUAGGC   CGAA AACUCACA   26632   4451   6579   UGACCUCU U   CUCCUCUU   8257   AAAGGAGA CUGAUGAG   GCGUUAGGC   CGAA AACUCACA   26632   4455   6575   UUCCUCCUU   UCUCUCU   8258   GAAAGGAG CUGAUGAG   GCGUUAGGC   CGAA AAGGACCA   26634   4455   6575   UUCCUCCUU   UCUCUCU   8259   AAAGGAG   CUGAUGAG   GCGUUAGGC   CGAA AAGGACC   26634   4455   6575   UUCCUCCUU   UCUCUCU   8259   AAAGGAG   CUGAUGAG   GCGUUAGGC   CGAA AAGGACC   26634   4455   6575   UUCCUCCUU   UCUCUCCA   8269   UCCAGGAG   CUGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4455   6571   UUCCUCCUU   UCUCUCCA   8269   UCCAGGAG   CUGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4456   6570   CUCCUUU   UCUCUCCA   8269   UCCAGGAG   UGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4456   6570   CUCCUUU   UCUCUCCA   8269   UCCAGGAG   UGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4456   6570   CUCCUUU   UCUCUCCA   8269   UCCAGGAG   UGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4460   6570   CUCCUCUU   UCUCCAG   8263   UCCAGGAG   UGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4460   6570   CUCCUCUU   UCUCCAG   8263   UCCAGGAG   UGAUGAG   GCGUUAGGC   CGAA AAGGAGA   26634   4460   6570   CUCCUCUU   UCUCCAG   8263   ACGCUCU   UCCAGGAG   CUCAGG	4394	6636	AAGGCAAU C AAGGCAAU	8247	AUUGCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU 26	5623
ALTIT   6613	4403	6627	AAGGCAAU U GUCUGAAG	8248	CUUCAGAC CUGAUGAG GCCGUUAGGC CGAA AUUGCCUU 26	6624
#4425   6605	4406	6624	GCAAUUGU C UGAAGAGC	8249	GCUCUUCA CUGAUGAG GCCGUUAGGC CGAA ACAAUUGC 26	6625
	4417	6613	AAGAGCAU C UGGCAGUU	8250	AACUGCCA CUGAUGAG GCCGUUAGGC CGAA AUGCUCUU 26	6626
4429   6501	4425	6605	CUGGCAGU U CCUCCAGG	8251	CCUGGAGG CUGAUGAG GCCGUUAGGC CGAA ACUGCCAG 26	6627
4439   6591   AGGGCCAU U CUGUGAGC   8254   GCUCACA CUGAUGAG CCCGULAGGC CAA AUGCCCCU   26631   4444   6590   GGGCCAUU C UGUCACCU   8255   AGCUCACA CUGAUGAG CCCGULAGGC CAA AGCUCACA   26631   4451   6579   UGAGCUCU U CUCCUCUU   8256   AGGAGGA CUGAUGAG GCCGULAGGC CGAA AGCUCACA   26632   4452   6578   GAGCUCU C CUCCUUUC   8258   AAGGAGA CUGAUGAG GCCGULAGGC CGAA AGCUCACA   26634   4452   6579   UGAGCUU C CUCCUUUC   8259   AAGGAGA CUGAUGAG GCCGULAGGC CGAA AGGACAC   26634   4452   6578   CACCUCUCU U UCUCUCCA   8259   AAGGAGAG CUGAUGAG GCCGULAGGC CGAA AGGACAC   26634   4452   6575   CUCUCCU U UCUCUCCA   8259   AAGGAGAA CUGAUGAG GCCGULAGGC CGAA AGGACAC   26634   4458   6571   UCCUCCUU U UCUCUCCA   8261   COGCAGGA CUGAUGAG CCCGULAGGC CGAA AGGAGAGA   26636   4459   6571   UCCUCCUU U UCUCUCCAG   8261   COGCAGGA CUGAUGAG CCCGULAGGC CGAA AGGAGGAG   26637   4462   6568   UCCUUCUU C UGCAGGG   8261   COGCAGGA CUGAUGAG GCCGULAGGC CGAA AGGAGGAG   26637   4462   6568   UCCUUCUU C UGCAGGG   8261   COCCAGG CUGAUGAG GCCGULAGGC CGAA AGGAGGAG   26639   4462   6568   UCCUUCUU C UGCAGGG   8264   ACACCAUG CUGAUGAG GCCGULAGGC CGAA AGGAGGA   26639   4462   6568   UCCUUCUU C UGCAGGG   8264   ACACCAUG CUGAUGAG GCCGULAGGC CGAA AGGAGGAG   26639   4469   6551   CACALGGU C AAGGGGG   8264   ACACCAUG CUGAUGAG GCCGULAGGC CGAA AGCACAUG   26641   4497   6533   CAALGGU C AAGGGCCUU   8266   ACACCAUG CUGAUGAG GCCGULAGGC CGAA ACACCAUG   26641   4499   6533   CAALGGU C UCCCAUGUU   8267   ACACCAUG CUGAUGAG GCCGULAGGC CGAA ACACCAUG   26641   4506   6552   CACCAUGA U C CCCAUGAG   8266   AACACGAUG CUGAUGAG GCCGULAGGC CGAA ACACCAUG   26641   4507   6533   CAALGGU C UCCCCAUGA   8267   UCCAGGAG CUGAUGAG GCCGULAGGC CGAA ACACCAUG   26641   4508   6522   CAUGUCUU C CCCAUGAA   8267   UCCAGGAA CUGAUGAG GCCGULAGGC CGAA ACACCAUG   26641   4509   6532   CACCUUCU C CCCAUGAA   8276   UCCAGGGA CUGAUGAG GCCGULAGGC CGAA AGACCAU   26641   4509   6501   UCAGGCAU C UUCCCCAG   8271   AGACGGG CUGAUGAG GCCGULAGGC CGAA AGACCUU   26647   4509   6501   UCAGGCAU C UUCCCCAG   8272   GG	4426	6604	UGGCAGUU C CUCCAGGG	B252	CCCUGGAG CUGAUGAG GCCGUUAGGC CGAA AACUGCCA 26	6628
4449   6550	4429	6601	CAGUUCCU C CAGGGCCA	8253	UGGCCCUG CUGAUGAG GCCGUUAGGC CGAA AGGAACUG 26	6629
	4439	6591	AGGGCCAU U CUGUGAGC	8254	GCUCACAG CUGAUGAG GCCGUUAGGC CGAA AUGGCCCU 26	6630
1451   6579	4440	6590	GGGCCAUU C UGUGAGCU	8255	AGCUCACA CUGAUGAG GCCGUUAGGC CGAA AAUGGCCC 26	6631
4452   6578   GACCUCUI C CUCUUCUC   8258   GAAAGGAG CUGAUGAGG GCCGULAGGC CGAA AGGACGUC   26634   4458   6572   UUCCUCCU U UCUCUGCA   8259   AGGARAAG CUGAUGAG GCCGULAGGC CGAA AGGARGAG   26635   4459   6571   UUCCUCCU U UCUCUGCAG   8261   UGCAGAGA CUGAUGAG GCCGULAGGC CGAA AGGARGAG   26637   4459   6571   UUCCUCCUU U UCUCUGCAG   8261   UUCAGAGA CUGAUGAG GCCGULAGGC CGAA AGGARGAG   26637   4459   6571   UUCCUCCUU U UCUCUGCAG   8261   UUCAGAGA CUGAUGAG GCCGULAGGC CGAA AAGGAGGA   26637   4460   6570   CUCUCUUU U C UGCAGGG   8261   CUGACGAG CUGAUGAG GCCGULAGGC CGAA AAGGAGGAG   26638   4460   65570   CCUCUCUU C UGCAGGG   8262   ACUCACGAC CUGAUGAG GCCGULAGGC GGAA AAGGAGGA   26638   4480   6556   CACAACGU CUCAUGAG GCCGULAGGC CGAA AGGAGGA   26638   4480   6556   ACACACAU CUGAUGAG GCCGULAGGC CGAA AGGACGU   26640   4499   6531   CAUGGUGU C AAGUGUU   8265   AAGACACU CUGAUGAG GCCGULAGGC CGAA ACACCUU   26640   4498   6532   AAGUGUU C CCCAUGUC   8266   ACACACGU CUGAUGAG GCCGULAGGC CGAA ACACCUU   26642   4598   6532   AAGUGUU C CCCAUGUC   8266   ACACACGU CUGAUGAG GCCGULAGGC CGAA ACACCUU   26642   4506   6525   UCCCAUGU C UCCAUGA   8269   UCACGGG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4506   6522   CAUGUCU C CCCAUGA   8269   UCACGGG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4506   6522   CAUGUCU C CCCAUGA   8269   UCACGGG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4508   6522   CAUGUCU C CCCAUGAA   8269   UCACGGG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4508   6522   CAUGUCU C CCCAUGAA   8269   UCACGGG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4508   6522   CAUGUCU C CCCAUGAA   8270   UUCAUGAG CUGAUGAG GCCGULAGGC CGAA ACACCUU   26644   4508   6522   CAUGUCU C CCCAUGAA   8270   UUCAUGAG CUGAUGAG GCCGULAGGC CGAA AGCACUU   26644   4508   ACACCUU C CCCAUGAA   8270   UUCAUGAG CUGAUGAG GCCGULAGGC CGAA AGCACUU   26644   4508   ACACCUU C CCCAGAA   8274   UUCACGGG CUGAUGAG GCCGULAGGC CGAA AGCACUU C CCCAGAC   4508   ACACCUU C CCCAGAA   6274   UCACGGG CGCGULAGG GCCGULAGGC CGAA AGCACUU C CCCAGAC   4508   ACACCUU C CCCAGAC   8275   G	4449	6581	UGUGAGCU C UUCCUCCU	8256	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCUCACA 26	6632
4455   6575	4451	6579	UGAGCUCU U CCUCCUUU	8257		6633
1458   5572	4452	6578	GAGCUCUU C CUCCUUUC	8258	GAAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAGAGCUC 26	6634
4459 5571 UCCICCUU U CUCUGCAG 8261 CUGAGAG CUGAUGAG GCCUUAGGC CGAA AAGGAGGA 26637 4460 6570 CCUCCUUU C UCUGCAGU 8262 ACUGCAGA CUGAUGAG GCCUUAGGC GGAA AAGGAGG 26638 4462 6568 UCCUUUGU C UGCAGUGG 82637 4480 6550 CACAAACGI A CAUGGUGU 8264 ACACCAUG CUGAUGAG GCCGUUAGGC GGAA AAGGAGGA 26639 4480 6550 CACAAACGI A CAUGGUGU 8264 ACACCAUG CUGAUGAG GCCGUUAGGC GGAA ACGUUGUG 26641 4489 6551 CACGAACGI C CAGAGGUGU 8264 ACACCAUG CUGAUGAG GCCGUUAGGC GGAA ACCACAUG 26641 4497 6533 CAAGUGCU C CCAUGUC 8266 ACADGGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4498 6532 AAGUGCUU C CCAUGUC 8266 ACADGGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4507 6523 CCAUGUCU C CCAUGUC 8266 ACADGGG CUGAUGAG GCCGUUAGGC CGAA ACCACUG 26642 4507 6523 CCAUGUCU C CCCAUGAA 8269 UCAUGAG GCCGUUAGGC CGAA ACCACCUG 26645 4508 6522 CAUGUCUU C CCCAUGAA 8269 UCAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCACUG 26645 4522 6508 GAAGUGCU C CCCAUGAA 8270 UUCAUGAG CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4522 6508 GAAGUGCU C CCCAUGAA 8270 UUCAUGAG CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4524 6558 GAAGUGCU C AGCAUCU B 8271 AGACGCU CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4525 6508 GAAGUGCU C AGCACUC 8271 AGACGCU CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4526 6508 GAAGUGCU C AGCACAC 8271 AGACGCU CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4526 6508 GAAGUCU U UCCCAGA 8272 CUGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4526 6498 GGCAUCUU U CCCAGAAC 8271 AGCUCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26649 4532 6498 GGCAUCUU U CCCAGAAC 8275 GGUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26649 4534 6497 GCAUCUUU C CCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26649 4535 6498 GGCAUCUU U CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26659 4536 6474 AGCCCUC A AUGAGCC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26659 4556 6474 AGCCCUU U ACUGCGGG 8276 GGUCAUU CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26659 4557 6463 AGACGUU U UCCCGAG 8281 CGUCAUGAG GCCGUUAGGC CGAA AAGAUGC 26659 4558 6464 GAAGACGU U UCCCGAGAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26656 4558 6466 AAGACGUU U UCCCGAG 8281 GCCUCAGGC CU	4455	6575	CUCUUCCU C CUUUCUCU	8259	AGAGAAAG CUGAUGAG GCCGUUAGGC CGAA AGGAAGAG 26	6635
4460         6570         CCUCCUUU C UCUGCAGU         8262         ACUGCAGA CUGAUGAG GCCGULAGGC CAA AAAGGAG         26638           4462         6568         UCCUUUCU C UGCAGUGG         8263         CCACUGAC CUGAUGAG GCCGULAGGC CAA AAAGAAGA         26639           4480         6550         CACAACGU A CAUGGUGU         8264         ACACCAUG CUGAUGAG GCCGULAGGC CGAA ACACCAUG         26640           4489         6551         CACAGUGU U CAGUGUCU         8265         AAGACUU CUGAUGAG GCCGULAGGC CGAA ACACCAUG         26641           4497         6533         CAAGUGUU U CCCAUGUCU         8266         GACAUGGG CUGAUGAG GCCGULAGGC CGAA ACACCAUG         26642           4505         6525         LUCCAUGUU C UCCCAUGA         8267         AGACAUGG CUGAUGAG GCCGULAGGC CGAA ACACUGGA         26643           4507         6523         CCAUGUCU U CCCCAUGA         8269         UCLUGGGG CUGAUGAG GCCGULAGGC CGAA ACACUGGA         26645           4520         6501         UCAGGAU C U UCCCAUGA         8270         UUCAUGGG CUGAUGAG GCCGULAGGC CGAA AGACAUG         26646           4522         6508         GAAGUGCU C AGGCAUCU U UCCCAGAA         8271         AGAUGAG GCCGULAGGC CGAA AGACACUC         26648           4531         6499         AGGCAUCU U UCCCAGAA         8272         CUGGGAA CUGAUGAG GCCGULAGGC CGAA AGAUGCCU         26648 </td <td>4458</td> <td>6572</td> <td>UUCCUCCU U UCUCUGCA</td> <td>8260</td> <td>UGCAGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA 26</td> <td>6636</td>	4458	6572	UUCCUCCU U UCUCUGCA	8260	UGCAGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA 26	6636
4462         6568         UCCUUUCU C UGAGUGG         8263         CCACUGCA CUGNUAGG         CGANAGGU A AGNAGGA         26639           4480         6550         CACAAGGU A CAUGUGUU B 8264         ACACCAUG CUGAUGAG GCGULAGGC GAA AGUUUGUG 26641         264497         6533         CAAGUGU U AGUGCUU 8266         GACAUGG CUGAUGAG GCGULAGGC GAA AGCACUU 26642         26441         4497         6533         CAAGUGU U CCCAUGUC         8266         GACAUGG CUGAUGAG GCGULAGGC GAA AGCACUUG 26642         24498         6532         AAGUGCUU CCCCAU         8267         AGACAUGG CUGAUGAG GCGULAGGC GAA AGCACUUG 26642         24507         6523         CCAUGUCU U CCCCAUGA         8268         AUGGGGAA CUGAUGAG GCCGULAGGC GAA AGCUGGG 26645         4506         6522         CAUGUCUU C CCCAUGAA         8270         UULAUGGG CUGAUGAG GCCGULAGGC GAA AGCACUCG 26647         4522         6568         6AGUGCU C AGCAUCU B 8271         AGAUGCCU GUAGUGAG GCCGULAGGC GAA AGCACUCG 26647         4522         6508         GAGUCUU U CCCCAGAA 8271         AGAUGCCU GUAGUGAG GCCGULAGGC GAA AGCACUCG 26648         4531         6499         AGGCAUCU U UCCCAGAA 8272         CUGGGAA CUGAUGAG GCCGULAGGC GAA AGAUCCU GAAGAG GCCGULAGGC CAAAAGACCU CAAGAAC CAAGACC CAAGAC CAAGACC CAAGACAC CAAGACC CAAGACAC CAAGACC CAAGACAC CAAGACC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGACAC CAAGAC	4459	6571	UCCUCCUU U CUCUGCAG	8261	CUGCAGAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGGA 26	6637
4480 6550 CACAACGU A CAUGGUGU 8264 ACACCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUUGUG 26640 4489 6541 CAUGGUGU C AAGUGCUU 3265 AAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4497 6533 CAAGUGCU U CCCAUGUC 8266 AAGCAUGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4498 6532 AAGUGCU C CCAUGUCU 8267 AGACAUGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26643 4505 6525 UCCCAUGU C UUCCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACACUGG 26644 4507 6523 CCAUGUCU C CCCAUGAA 8269 LUCAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4507 6523 CCAUGUCU C CCCAUGAA 8269 LUCAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4507 6523 CCAUGUCU C CCCAUGAA 8270 LUCAUGAGG CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4508 6522 CAUGUCUU C CCCAUGAA 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA ACACUGGA 26644 4529 6508 GAAGUGCU C AGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUG 26647 4529 6501 LUCAGGCAU C UUCCCCAG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUC 26647 4531 6499 AGGCAUCU U CCCAAGAA 8273 UUCUAGGGA CUGAUGAG GCCGUUAGGC CGAA AUGCCUGA 26644 4533 6497 GCAUCUUU C CCCAGAAC 8273 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AUGCCUGA 26650 4534 6497 CAUCUUU C CCAGAACC 8276 GGCUCAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26650 4534 6497 CACACUCUU C CCAGAACC 8276 GGCUCAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26650 4534 6497 CACACUCUU C CCAGAACC 8276 GGCUCAUG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26650 4554 6476 UGAGCCCU A UCUGAGGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26651 4554 6476 UGAGCCU U UCCCCAGG 8276 CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26651 4556 6464 GAGAACGU U UCCCCAGG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4556 6464 GAGAACGU U UCCCCAGG 8279 CUCGGGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26653 4556 6456 AGAACGUU U CCCAGAGG 8280 CCUCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4556 6454 AGCCCUU U CUGAGGA 8279 CUCGGGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4556 6454 AGACGCUU U CACAGAGG 8280 CCUCAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26655 4557 6453 AGACCCUU U AGUGCCGA 8280 CCUCAGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4558 6454 GAACGUUU U CCCCAGG 8280 CCUCAGGG CUGA	4460	6570	CCUCCUUU C UCUGCAGU	8262	ACUGCAGA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGG 26	6638
4489 6541 CAUGUGUU C AAGUGCUU 8256 AAGCACUU CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26641 4497 6533 CAAGUGCU U CCCAUGUCU 8256 GACAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 26642 4498 6532 AAGUGCUU C CCAUGUCU 8256 AACACGG CUGAUGAG GCCGUUAGGC CGAA ACACCUU 26643 4505 6525 UCCCAUGUU C UUCCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACACGGA 26644 4507 6523 CCAUGUCU C CCCAUGAA 8269 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CCAUGUCU C CCCAUGAA 8270 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4508 6522 CCAUGUCUU C CCCAUGAA 8270 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACGGA 26644 4508 6522 CAUGUCUU C CCCAUGAA 8270 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACACGCG 26647 4522 6508 GAAGUGCU C UUUCCCCAG 8272 CUGAGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUU 26647 4521 6499 AGGCAUCUU U CCCCAGAAC 8271 UCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AGCACUU 26647 4531 6499 AGGCAUCUU U CCCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGACGCUC 26648 4533 6497 GCAUCUUU C CCAGAAC 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGACGCU 26654 4534 6498 GGCAUCUU U CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGACGCU 26654 4534 6497 CAGAACCU C ANUGAGCC 8276 GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGACGU 26651 4534 6497 CAGAACCU C ANUGAGCC 8276 GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAUGCC 26651 4534 6497 CAGAACCU C ANUGAGCC 8276 GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAUGCC 26651 4554 6476 UCAGCCCU A UCUGAGAA 8278 CUUCUCG CUGAUGAG GCCGUUAGGC CGAA AGAUCUC 26651 4556 6474 AGCCCUAU C UGAGAAAC 8278 CUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGCUCA 26653 4556 6474 AGCCCUUU C CCAGAGC 8280 CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA AGGCUCA 26655 4566 6464 GAGAACGUU U UCCCCAGG 8280 CCUUCAGG CUGAUGAG GCCGUUAGGC CGAA AACGUUCC 26655 4568 6462 GAACGUU U UCCCCAGG 8280 CCUCAGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4568 6462 GAACGUU U UCCCCAGG 8280 CCUCAGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4568 6462 GAACGUU U CCCGAGGCC 8280 CGCCCUCAGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4566 6464 GAGAACGUU U CCCCAGGG 8280 CCUCAGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26655 4569 6461 AACGUUUU C CCGAGGCG 8280 CCCGUCAGG CUGA	4462	6568	UCCUUUCU C UGCAGUGG	8263	CCACUGCA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA 26	6639
4497 6533 CAAGUGCU U CCCAUGUC 8266 GACAUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUUG 26642 4498 6532 AAGUGCUU C CCAUGUCU 8267 AAGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGACGCUUG 26643 4506 6525 UCCCAUGU C UUCCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CCAUGUCU U CCCCAUGA 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CAUGUCUU C CCCAUGA 8269 UCAUGGG CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4508 6522 CAUGUCUU C CCCAUGA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCU CUGAUGAG GCCGUUAGGC CGAA AGCACUUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGAGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUUC 26648 4531 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26649 4532 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4533 6497 CACUCUU U CCCAGAAC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCCU 26651 4543 6487 CAGAACCU C AAUGAGCC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCCU 26651 4554 6476 UGACCCU A UCUGAGAAC 8277 UUCUCAGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4556 6474 AGCCUUAU U CCCAGAAC 8278 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4556 6476 AGCCCUAU UUCCCAGA 8279 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUCC 26651 4556 6476 AGCCCUAU UUCCCGAG 8279 CUCCGGAA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26651 4556 6464 GAGAACGUU U UCCCGAGG 8280 CCUCCGGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUCU 26656 4568 6462 GAACGUUU U CCCGAGGC 8281 GCGUUCAGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUCC 26655 4568 6462 GAACGUUU U CCCGAGGC 8280 CCUCCGGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUC 26656 4568 6464 GAACGCUU U AGGCCCU 8285 AGGCUUC AUGAGAC GCGUUAGGC CGAA AAAGGUUC 26656 4568 6462 GAACGUUU U CCCGAGGC 8281 GCGUUAGG CUGAUGAG GCGUUAGGC CGAA AAAGGUUC 26656 4569 6461 AACGUUUU C CCGAGGC 8280 CCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUC 26656 4569 6461 AACGUUUU C CCGAGGC 8280 CGCGGG CUGAUGAG GCCGUUAGGC CGAA AAAGGUUC 26656 4569 6461 AACGUUU AGUGCCU 8285 AGGCCUU CUGAUGAG GCCGUUAGGC CGAA AAAGGUUC 26666 4561 6464 GAGGCCU U AGACACC U GAGGACG 8286 CAGGCAU	4480	6550	CACAACGU A CAUGGUGU	8264	ACACCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUUGUG 26	6640
4498 6532 AAGUGCUU C CCAUGUCU 8267 AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU 26643 4505 6525 UCCCAUGU C UUCCCAU 8268 AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26644 4507 6523 CCAUGUCUU C CCCAUGAA 8269 UCAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26645 4508 6522 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26646 4522 6508 GAAGUCCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26646 4522 6508 GAAGUCCU C UUCCCAGG 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26647 4529 6501 UCAGGCAU C UUUCCCAGA 8272 CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGCACUC 26647 4521 6499 AGGCAUCU U UCCCAGAA 8273 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACCUGA 26648 4521 6499 AGGCAUCU U UCCCAGAA 8274 GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4523 6497 GCAUCUUU C CCAGAACC 8274 GGUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26650 4533 6497 GCAUCUUU C CCAGAACC 8275 GGUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4543 6497 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26652 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26652 4556 6474 AGCCCUAU C UCAGAGAC 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26653 4556 6464 GAGAACGU U UUCCCGAG 8278 CUCUCGA CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26656 4568 6462 GAACGUUU U CCCCAGGG 8280 CCUCCGG CUGAUGAG GCCGUUAGGC CGAA AAGGUUCU 26656 4568 6462 GAACGUUU U CCCCAGGG 8280 CCUCCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUCU 26656 4568 6462 GAACGUUU U CCCCAGGG 8280 CCUCCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUCU 26656 4568 6463 AGACGUU U UCCCGAG 8280 CCUCCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656 4568 6464 GAGACCU U UAGACCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4568 6462 GAACGUUU U AGUGCCU 8285 AGGCCU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4568 6461 AAGACGUU U AGUGCCU 8285 AGGCCU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4569 6414 ACGCCUUU AGUGCCU 8285 AGGCCU CUGAUGAG GCCGUUAGGC CGAA AACGCUU 26666 4561 6415 AUCGGAGU C CAGGCACG 8280 CGCGUUAGGC CGAA AACGCUU 26	4489	6541	CAUGGUGU C AAGUGCUU	8265		6641
4505   6525   UCCCAUGU C UUCCCCAU   8268   AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA   26644   4507   6523   CCAUGUCUU C CCCAUGAA   8269   UCCAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG   26645   4508   6522   CAUGUCUU C CCCAUGAA   8270   UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUG   26646   4522   6508   GAAGUGCU C AGGCAUCU   8271   AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUG   26646   4522   6508   GAAGUGCU C UUUCCCAGA   8272   CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGACAUCU   26647   4529   6501   UCAGGCAU C UUUCCCAGA   8271   AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACACUC   26648   4521   6498   GACAUCUU U CCCCAGAA   8273   UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUCCU   26654   4533   6497   GCAUCUUU C CCCAGAAC   8275   GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU   26651   4543   6487   CAGAACCU C AAUGAGCC   8276   GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGAUGCC   26651   4544   6476   UGAGCCCU A UCUGAGAA   8277   UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGAGUCU   26653   4556   6474   AGCCCUAU C UGAGAACG   8278   CGUUCUGA CUGAUGAG GCCGUUAGGC CGAA AGGUCCU   26653   4566   6464   GAGAACGU U UUCCCGAG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGUCCU   26653   4566   6464   GAGAACGU U UUCCCGAG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGUCU   26654   4566   6464   GAGAACGU U UUCCCGAG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU   26655   4567   6463   AGACGUU U CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU   26655   4569   6461   AACGUUU C CCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU   26657   4569   6461   AACGUUU C CCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU C   26657   4569   6461   AACGUUU C CCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU C   26657   4569   6461   AACGUUU C CCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU C   26657   4569   6461   AACGUUU C CCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU C   26657   4569   6461   AACGUUU C ACGCCCU B   8281   AGGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AGGCCU C   26661   4596   6448   GAGCCCU U AGCCCU AGCCC C   8	4497	6533	CAAGUGCU U CCCAUGUC	8266	GACAUGGG CUGAUGAG GCCGUUAGGC CGAA AGCACUUG 26	6642
4507 6523 CCAUGUCU U CCCAUGAA 8269 UUCAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26645 4528 CAUGUCUU C CCCAUGAA 8270 UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26646 4522 6508 GAAGUGCU C AGGCAUCU 8271 AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGACAUG 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26647 4529 6501 UCAGGCAU C UUUCCCAG 8272 CUGGGAA CUGAUGAG GCCGUUAGGC CGAA AGACCUUC 26649 4531 6499 AGGCAUCU U UCCCAGAA 8271 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4532 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4533 6497 GCAUCUUU C CCAGAACC 8276 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAUGC 26651 4543 6487 CAGAACCU C AAUGAACC 8276 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAUGC 26651 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26653 4556 6474 AGCCCUAU C UGAGAACG 8276 GGCUCUUCA CUGAUGAG GCCGUUAGGC CGAA AGGCUCA 26653 4556 6464 AGACAGUU U UCCCCGAG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4567 6463 AGAACGUU U UCCCCGAG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6462 GAACGUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6462 GAACGUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6462 GAACGCUU U CCCGAGG 8280 CCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4568 6461 AACGUUU C CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4569 6461 AACGCUU U AGUGCCU 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26655 4569 6461 AACGCUU U AGUGCCU 8285 AGGCCUU CUGAUGAG GCCGUUAGGC CGAA AACGUU 26656 4594 6456 AAAGGCCU U UAGUGCC 8286 CGUCAGG CCGUUAGGC CGAA AACGUU 26656 4594 6451 AACGCCUU AGUGCC 8286 CGUCAGG CCGUUAGGC CGAA AACGCGU 26660 4595 6435 AACGCCU U AGUGCCC 8286 CGUCAGG CCGUUAGGC CGAA AACGCGU 26660 4595 6436 AAAGGCCU U AGUGCCU 8285 AGGCCUU CUGAUGAG GCCGUUAGGC CGAA AACGCGU 26661 4596 6421 CUGGCGG CUUAGAC CUGAUGAG GCCGUUAGGC CGAA AACGCGU 266666 461 AGGAGGC CUUAGAC CUGAGC 8289 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AACGCGC CGAA ACGCCGC CGAG ACGCCUU CGAC CGAA ACGCCUU CGAC CGAG	4498	6532	AAGUGCUU C CCAUGUCU	8267	AGACAUGG CUGAUGAG GCCGUUAGGC CGAA AAGCACUU 26	6643
4508   6522   CAUGUCUU C CCCAUGAA   8270   UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG   26646   4522   6508   GAAGUCU C AGGCAUCU   8271   AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AAGACAUG   26647   4529   6501   UCAGGCAU C UUUCCCAGA   8272   CUGAGGAA CUGAUGAG GCCGUUAGGC CGAA AGCACUUC   26647   4529   6501   UCAGGCAU U UCCCCAGAA   8273   UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGACGCU   26648   4531   6499   AGGCAUCU U UCCCAGAAC   8274   GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC   26650   4533   6497   GCAUCUUU C CCAGAAC   8274   GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC   26651   4543   6487   CAGAACCU C AAUGAGCC   8276   GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC   26651   4543   6487   CAGAACCU C AAUGAGC   8276   GGUUCUGA CUGAUGAG GCCGUUAGGC CGAA AAGAUGC   26651   4544   AGCCCUA   UCUGAGGA   8277   UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG   26654   4566   6464   GAGAACGU U UUCCCGAG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA   26653   4566   6464   GAGAACGU U UUCCCGAG   8278   CUGUGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26654   4566   6464   GAGAACGU U UCCCGAG   8280   CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26655   4566   6464   GAGAACGUU U UCCCGAGG   8280   CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26655   4569   6461   AACGUUU U CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4569   6461   AACGUUU U CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4569   6461   AACGUUU U CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4588   6462   GAACGUUU U AGUGCCU   8284   AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4588   GAGACGUU U AGGCCCU U AGGCCCU   8284   AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4584   GAGACGCUU U AGUGCCU   8284   AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AAACGUUC   26656   4596   6434   ACGCCUU A AGUCCCU   8284   AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26661   4595   6435   AACGCCUU AGUGCCU   8286   AGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGU   26666   4651   AACGCCUU A AUGCCCU   8286   GCGGAGAG CUGAUGAG GCCGUUAG	4505	6525	UCCCAUGU C UUCCCCAU	B268	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACAUGGGA 26	6644
4522   6508   GAAGUGCU C AGGCAUCU   8271   AGAUGCCU CUGAUGAG GCCGUUAGGC CGAA AGCACUUC   26647   4529   6501   UCAGGCAU C UUUCCCAG   8272   CUGGGAAA CUGAUGAG GCCGUUAGGC CGAA AUGCCUGA   26648   4531   6499   AGGCAUCU U UCCCAGAA   8273   UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUGCCUGA   26648   4531   6498   GGCAUCUUU C CCAGAAC   8274   GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU   26650   4533   6497   GCAUCUUU C CCAGAACC   8275   GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC   26650   4543   6487   CAGAACCU C AAUGAGCC   8276   GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC   26651   4543   6487   CAGAACCU C AAUGAGCC   8276   GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG   26652   4554   6476   UGAGCCCU A UCUGAGAA   8277   UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG   26654   4566   6464   GAGACGUU C UGAGAACG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC   26654   4566   6464   GAGAACGU U UUCCCGAG   8278   CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC   26654   4566   6462   GAACGUUU U UCCCGAGG   8280   CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC   26654   4568   6462   GAACGUUU U UCCCGAGG   8280   CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACCGUUCUC   26656   4568   6462   GAACGUUU C CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26656   4568   6462   GAACGUUU C CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26656   4568   6462   GAACGUUU C CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26656   4568   6462   GAACGUUU C CCCGAGGC   8281   GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26656   4595   6448   GGCGAAGG C CUUAGACG   8282   CGCUCGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC   26656   4585   6445   GAACGCCU U UAGACGC   8281   CGCUCAGG CUGAUGAG GCCGUUAGGC CGAA AACGGUUC   26656   4595   6445   GAACGCCU U UAGACGC   8281   CGCUCAGG CUGAUGAG GCCGUUAGGC CGAA ACCGUC   26659   4595   6445   GAACGCCU U AGUGCCG   8286   CAGGCCU CUGAUGAG GCCGUUAGGC CGAA ACCGUC   26660   4595   6435   AACGCCUU AGUGCCG   8286   CAGGCCU CUGAUGAG GCCGUUAGGC CGAA ACCGCCU C   6666   4661   AACGCCUU A GUGCCCG   8287   CAGGACCU C	4507	6523	CCAUGUCU U CCCCAUGA	8269	UCAUGGGG CUGAUGAG GCCGUUAGGC CGAA AGACAUGG 26	6645
4529         5501         UCAGGCAU         C         UUUCCCAG         8272         CUGGGAAA         CUGAUGAG         CGAA         AUGCCUGA         26648           4531         6499         AGGCAUCU         U         CCCAGAAC         8274         UUCUGGG         CUGAUGAG         CGAA         AGAUGCCU         26649           4532         6498         GGCAUCUUU         C         CCAGAAC         8274         GUUCUGG         CUGAUGAG         CCGUUAGGC         CGAA         AAAGAUGCC         26651           4533         6497         GCAUCUUU         C         CAGAACCU         C         AAUGAGC         8276         GGCUCAUU         CUGAUGAG         CGAA         AAGGUUCU         26651           4554         6476         UGAGCCCU         A         UCUGAGAA         8277         UUCUCAGA         CUGAUGAG         CGAA         AGGCUUAU         26653           4556         6474         AGCCUUU         C         UGAGAACG         8278         CGUUCUGG         CUGAUGAG         CCGAA         AUAGGCU         26654           4566         6464         GAGAACGUU         UCCCGAG         8278         CCUUCAGA         CCGUUAGG         CGAA         ACGUUCU         26654           4566 <td< td=""><td>4508</td><td>6522</td><td>CAUGUCUU C CCCAUGAA</td><td>8270</td><td>UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26</td><td>6646</td></td<>	4508	6522	CAUGUCUU C CCCAUGAA	8270	UUCAUGGG CUGAUGAG GCCGUUAGGC CGAA AAGACAUG 26	6646
4531 6499 AGGCAUCUU U UCCCAGAA 8273 UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26649 4532 6498 GGCAUCUU U CCCAGAAC 8274 GUUCUGG CUGAUGAG GCCGUUAGGC CGAA AGAUGCC 26650 4533 6497 GCAUCUUU C CCAGAACC 8275 GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26651 4543 6487 CAGAACCU C AAUGAGCC 8276 GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AAGAUGC 26652 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG 26652 4554 6476 UGAGCCCU A UCUGAGAA 8277 UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG 26652 4556 6474 AGCCCUAU C UGAGAACG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA ACGGUUCUC 26654 4566 6464 GAGAACGUU U UCCCCAGG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26654 4566 6464 GAGAACGUU U UCCCCAGG 8280 CCUCAGGG CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26656 4568 6462 GAACGUUU U CCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUCU 26656 4569 6461 AACGUUUU C CCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4582 6448 GGCGAAGU C CUUGAACG 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4585 6445 GAAGGCCU U GAACGCCU 8284 AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4596 6436 GAACGCCU U UAGUGCCU 8284 AGGCGUU CUGAUGAG GCCGUUAGGC CGAA AAACGUU 26656 4596 6436 GAACGCCU U AGUGCCU 8286 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AAACGCUU 26661 4595 6435 AACGCCUU U AGUGCCU 8285 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26661 4596 6436 GAACGCCU U AGUGCCU 8285 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGCCUU 26661 4596 6434 ACGCCUUU A GUGCCUG 8285 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGCCUU 26661 4596 6436 CACGCCUU U AGUGCCU 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGCCUU 26661 4615 6415 AUCCGAGU C CAGAUACA 8288 UGUACUG CUGAUGAG GCCGUUAGGC CGAA AAGGCCUC 26663 4616 AACGCCUU A GUGCCUG 8289 CCAGGGAC CUGAUGAG GCCGUUAGGC CGAA AAGGCCUC 26661 4616 AGGAGACGCU C AGAAUCUU C CAGGGAG CCAGGAA GGCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CUGAUGAG 8290 GCUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4640 6381 CUCAGAAU C CUCACAC 8290 GCUGGAG CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4640 6381 CUCAGAAU C CUGACAC 8290 GCUGGAG CUGAUGAG GCCGUUAGGC CGAA ACGCCA	4522	6508	GAAGUGCU C AGGCAUCU	8271	<u></u>	6647
4532         6498         GGCAUCUU U CCCAGAAC         8274         GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC         26550           4533         6497         GCAUCUUU C CCAGAACC         8275         GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGC         26651           4543         6487         CAGAACCU C AAUGAGC         8276         GGCUCAUU CUGAUGAG GCCGUUAGGC CGAA AGGUUCUG         26652           4554         6476         UGAGCCCU A UCUGAGAA         8277         UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGUUCA         26653           4556         6474         AGCCCUAU C UGAGAACG         8278         CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AUAGGGCU 26653           4566         6464         GAGAACGU U UCCCGAGG B228         CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUCU 26655           4567         6463         AGACGUUU U CCCGAGGC B280         CCUCGGG CUGAUGAG GCCGUUAGGC CGAA AACGUUC 26656           4568         6462         GAACGUUU C CCGAGGC B282         CGCUCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26657           4589         6448         GGCGAAGU C CUUGAACG         8281         CGCUCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26658           4581         6448         GACGCCU U GAACGC 8284         AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA ACUUCGC 26658           4585         6445         GAACGCCU U GAACGC 8284         ACGCCUUC GCGCGUUAGGC CGAA ACUUCGC CGAA ACUUCGC CGAA ACUUCGC CGAA ACUUCGC	4529	6501	UCAGGCAU C UUUCCCAG	8272		6648
4533         6497         GCAUCUUU C CCAGAACC         8275         GGUUCUGG CUGAUGAG GCCGUUAGG         CGAA AAAGAUGC         26651           4543         6487         CAGAACCU C AAUGAGC         8276         GGCUCAUU CUGAUGAG GCCGUUAGG         CGAA AGGUUCU         25652           4554         6476         UGAGCCU A UCUGAGAA         8277         UUCUCAGA CUGAUGAG GCCGUUAGG         CGAA AUAGGGUUC         26653           4556         6474         AGCCCUAU C UGAGAACG         8278         CGUUCUCA CUGAUGAG GCCGUUAGG         CGAA AUAGGGUU         26654           4566         6464         GAGAACGU U UUCCCGAG         8279         CUCGGGAA CUGAUGAG GCCGUUAGG         CGAA ACGUUCU         26655           4567         6463         AGAACGUU U UCCCGAGG         8280         CCUCGGG CUGAUGAG GCCGUUAGG         CGAA AACGUUCU         26656           4568         6462         GAACGUUU U CCCGAGGC         8281         GCCUCGGG CUGAUGAG GCCGUUAGGC         CGAA AAAACGUUC         26657           4569         6461         AACGUUUU C CCCGAGGC         8282         CGCCUCGG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26658           4582         6448         GGCGAAGU C UGAACG         8283         CGUUCAGG CUGAUGAG GCCGUUAGGC CGAA ACGCCUU         26659           4585         6445         GAACGCCU U	4531	6499	AGGCAUCU U UCCCAGAA	8273	UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUGCCU 26	6649
4543         6487         CAGAACCU C AAUGAGCC         8276         GGCUCAUU CUGAUGAG         GCCGUUAGGC         CGAA AGGUUCUG         26552           4554         6476         UGAGCCCU A UCUGAGAA         8277         UUCUCAGA CUGAUGAG         GCCGUUAGGC         CGAA AGGGCUCA         26653           4556         6474         AGCCCUAU C UGAGAACG         8278         CGUUCUCA CUGAUGAG         GCCGUUAGGC         CGAA AUAGGGCU         26654           4566         6464         GAGAACGU U UCCCGAGG         8279         CUCGGGAA CUGAUGAG         GCCGUUAGGC         CGAA ACGUUCU         26655           4567         6463         AGACGUUU U CCCGAGGC         8280         CCUCGGG CUGAUGAG         GCCGUUAGGC         CGAA AACGUUCU         26656           4568         6462         GAACGUUU U CCCGAGGC         8281         GCCUCGG CUGAUGAG         GCCGUUAGGC         CGAA AAAACGUUC         26657           4589         6461         AACGUUU C CCCGAGGC         8282         CGCCUCGG CUGAUGAG         GCCGUUAGGC         CGAA AAAACGUU         26657           4589         6448         GGCGAAGU C CUUAGACG         8283         CGUUCAGG         CUGAUGAG         CCGUUAGGC         CGAA ACGCCUU U AGUCCCU         8284         AGGCGUUC CUGAUGAG         CCGUUAGGC         CGAA AGGCGUUC         26661     <	4532	6498	GGCAUCUU U CCCAGAAC	8274	GUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGAUGCC 26	6650
4554         6476         UGAGCCCU A UCUGAGAA         8277         UUCUCAGA CUGAUGAG GCCGUUAGGC         CGAA AGGGCUCA         26653           4556         6474         AGCCCUAU C UGAGAACG         8278         CGUUCUCA CUGAUGAG GCCGUUAGGC         CGAA AUAGGGCU         26654           4566         6464         GAGAACGU U UUCCCGAG         8279         CUCGGGA CUGAUGAG GCCGUUAGGC         CGAA ACGUUCU         26655           4567         6463         AGAACGUU U UCCCGAGG         8280         CCUCGGG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26656           4568         6462         GAACGUUU U CCCGAGGC         8281         GCCUCGG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26657           4589         6461         AACGUUUU C CCGAGGCG         8282         CGCCUCGG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26657           4580         6448         GGCGAAGU C CUUGAACG         8283         CGUUCAG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26659           4581         6448         GGCGAAGU C UUGAACG         8283         CGUUCAGC CUGAUGAG GCCGUUAGGC         CGAA ACGCCUU C GAAACGCCU U UAGUCAGC CUGAUGAG GCCGUUAGGC         CGAA ACGCCUU C AGACCUUC GCAAACGCC U CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU C CGAAACGCUUC C GAAACGCCU UUAGGC CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU C CGAAACGCCU U AGACCCUUC AGACCC UUGAGCC CUGAUGAG GCCGUUAGGC CGAAACGCCAG C CGAAACGCCAG GAAACGCCU C CAGAGAGAU C CGAGAA	4533	6497	GCAUCUUU C CCAGAACC	8275	GGUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGAUGC 26	6651
4556 6474 AGCCCUAU C UGAGAACG 8278 CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AUAGGGCU 26654 4566 6464 GAGAACGU U UUCCCGAG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26655 4567 6463 AGAACGUU U UCCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA ACGUUCU 26656 4568 6462 GAACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUCU 26657 4569 6461 AACGUUUU C CCGAGGCG 8282 CGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAACGUUC 26658 4582 6448 GGCGAAGU C CUUGAACG 8282 CGCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAACGUU 26658 4582 6448 GGCGAGUC U GAACGCCU 8284 AGGCACU CUGAUGAG GCCGUUAGGC CGAA ACGUUCGC 26659 4585 6445 GAACGCCU U UAGUGCCU 8284 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGACUUC 266659 4594 6436 GAACGCCU U UAGUGCCU 8284 AGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGACUUC 26661 4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGACUUC 26661 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26661 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26662 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AAGGCGU 26663 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AAGGCGU 26664 4615 6415 AUCCCAGU A CACCCUGG 8289 CCAGGGGU CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 266664 4616 6415 AUCCCAGGU C AAUCCAGC 8290 GCUGGAUGAG GCCGUUAGGC CGAA ACUCGCAU 266664 4616 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AUGACCAG 2666666666666666666666666666666666666	4543	6487	CAGAACCU C AAUGAGCC	8276	<del> </del>	6652
4566 6464 GAGAACGU U UUCCCGAG 8279 CUCGGGAA CUGAUGAG GCCGUUAGGC CGAA ACGUUCUC 26655 4567 6463 AGAACGUU U UCCCGAGG 8280 CCUCGGGA CUGAUGAG GCCGUUAGGC CGAA AACGUUCU 26656 4568 6462 GAACGUUU U CCCGAGGC 8281 GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26657 4569 6461 AACGUUUU C CCGAGGCG 8282 CGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC 26658 4582 6448 GGCGAAGU C CUUGAACG 8283 CGUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACGUUCGC 26659 4585 6445 GAAGUCCU U GAACGCCU 8284 AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC 26660 4594 6436 GAACGCCU U UAGUGCCU 8285 AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC 26661 4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACUA CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26661 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGUU 26662 4609 6421 CUGGUGAU C CGAGGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGGU CUGAUGAG GCCGUUAGGC CGAA ACGCCAG 26664 4616 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCCAG 26664 4616 6415 AUCCGAGU C AAUCCAGC 8290 GCUGGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AGAAUCUU 8292 AAGAUUC CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCGU CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4649 6381 CUCAGAAU C UCCCUUCC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26664 4649 6381 CUCAGAAU C UCCCUUCC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26666 4649 6381 CUCAGAAU C UCCCUUCC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26666 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AUCCCAGG 26667 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGGAA GCCGUUAGGC CGAA AGGAUUCU 26671	4554	6476	UGAGCCCU A UCUGAGAA	8277	UUCUCAGA CUGAUGAG GCCGUUAGGC CGAA AGGGCUCA 26	6653
4567         6463         AGAACGUU U UCCCGAGG         8280         CCUCGGGA CUGAUGAG GCCGUUAGGC         CGAA AACGUUCU         26656           4568         6462         GAACGUUU U CCCGAGGC         8281         GCCUCGG CUGAUGAG GCCGUUAGGC         CGAA AAACGUUC         26657           4569         6461         AACGUUUU C CCGAGGCG         8282         CGCCUCGG CUGAUGAG GCCGUUAGGC         CGAA AAAACGUU         26658           4582         6448         GGCGAAGU C CUUGAACG         8283         CGUUCAG CUGAUGAG GCCGUUAGGC         CGAA ACUUCGCC         26659           4585         6445         GAAGGCCU U GAACGCCU         8284         AGGCGUU CUGAUGAG GCCGUUAGGC         CGAA AGGCGUU C         26660           4594         6436         GAACGCCU U UAGUGCCU         8285         AGGCACU CUGAUGAG GCCGUUAGGC CGAA AGGCGUU C         26661           4595         6435         AACGCCUU U AGUGCCUG 8286         CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU C         26662           4596         6434         ACGCCUUU A GUGCCUG 8287         CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAGGCCGU C         26663           4615         6415         AUCCGAGU A CACCCUGG 8288         UGUACUG CUGAUGAG GCCGUUAGGC CGAA ACCCCAG CGAA ACCCCAG GCGAA ACCCCAG GCCGUUAGGC CGAA ACCCCAG GCCGUUAGGC CGAA ACCCCAG GCCGUUAGGC CGAA ACCCCAG CCCAGAGAGA CCUGAUGAG GCCGUUAGGC CGAA ACCCCAG CCCAGAGAGAC CUGAUGAG GCCGUUAGGC CGAA ACCCCAG CCCAGAGACACCACC	4556	6474	AGCCCUAU C UGAGAACG	8278	CGUUCUCA CUGAUGAG GCCGUUAGGC CGAA AUAGGGCU 26	6654
4568         6462         GAACGUUU U CCCGAGGC         8281         GCCUCGGG CUGAUGAG GCCGUUAGGC CGAA AAACGUUC         26657           4569         6461         AACGUUUU C CCGAGGCG         8282         CGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAACGUU         26658           4582         6448         GGCGAAGU C CUUGAACG         8283         CGUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC         26659           4585         6445         GAAGUCCU U GAACGCCU         8284         AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGACUUC         26660           4594         6436         GAACGCCU U UAGUGCCU         8285         AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUU         26661           4595         6435         AACGCCUU U AGUGCCUG         8286         CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU         26662           4596         6434         ACGCCUUU A GUGCCUGG         8287         CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU         26663           4609         6421         CUGGUGAU C CGAGUACA         8288         UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG         26664           4615         6415         AUCCGAGU A CACCCUGG         8289         CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAG         26665           4627         6403         CCUGGCGU C AAUCCAGC         8290         GCUGGAUGAG GCCGUUAGGC CGAA AUUGAGG CGAA AUUGAGG CGAGAG         2666	<u> </u>	6464				
4569         6461         AACGUUUU C CCGAGGCG         8282         CGCCUCGG CUGAUGAG GCCGUUAGGC CGAA AAAACGUU         26658           4582         6448         GGCGAAGU C CUUGAACG         8283         CGUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC         26659           4585         6445         GAAGUCCU U GAACGCCU         8284         AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGACUUC         26660           4594         6436         GAACGCCU U UAGUGCCU         8285         AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUU         26661           4595         6435         AACGCCUU U AGUGCCUG         8286         CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU         26662           4596         6434         ACGCCUUU A GUGCCUGG         8287         CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU         26663           4609         6421         CUGGUGAU C CGAGUACA         8288         UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG         26664           4615         6415         AUCCGAGU A CACCCUGG         8289         CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACGCCAG         26665           4627         6403         CCUGGCGU C AAUCCAGC         8290         GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA AUUGCAGC         26666           4631         6399         GCGUCAAU C CAGCGGG         8291         CCGCGCUG CUGAUGGC CGAA AUUCCAGC         26667		<del></del>				
4582 6448 GGCGAAGU C CUUGAACG 8283 CGUUCAAG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC 26659 4585 6445 GAAGUCCU U GAACGCCU 8284 AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGACUUC 26660 4594 6436 GAACGCCU U UAGUGCCU 8285 AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC 26661 4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26662 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGUU 26662 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUAGGUGA CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26672	<del></del>	<del></del>				
4585 6445 GAAGUCCU U GAACGCCU 8284 AGGCGUUC CUGAUGAG GCCGUUAGGC CGAA AGGACUUC 26660 4594 6436 GAACGCCU U UAGUGCCU 8285 AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC 26661 4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26662 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGUU 26663 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUCACCA 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AUUCACGC 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUAGGGA CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26672		<del></del>				
4594 6436 GAACGCCU U UAGUGCCU 8285 AGGCACUA CUGAUGAG GCCGUUAGGC CGAA AGGCGUUC 26661 4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26662 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGUU 26663 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26672						
4595 6435 AACGCCUU U AGUGCCUG 8286 CAGGCACU CUGAUGAG GCCGUUAGGC CGAA AAGGCGUU 26662 4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU 26663 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672	<del></del>					
4596 6434 ACGCCUUU A GUGCCUGG 8287 CCAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAAGGCGU 26663 4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26672	<del></del>					
4609 6421 CUGGUGAU C CGAGUACA 8288 UGUACUCG CUGAUGAG GCCGUUAGGC CGAA AUCACCAG 26664 4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGAUUCU 26672	<u> </u>					
4615 6415 AUCCGAGU A CACCCUGG 8289 CCAGGGUG CUGAUGAG GCCGUUAGGC CGAA ACUCGGAU 26665 4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672				<del></del>		
4627 6403 CCUGGCGU C AAUCCAGC 8290 GCUGGAUU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGG 26666 4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672	<del></del>					
4631 6399 GCGUCAAU C CAGCGCGG 8291 CCGCGCUG CUGAUGAG GCCGUUAGGC CGAA AUUGACGC 26667 4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672	<del></del>	<del></del>		<del></del>		
4643 6387 CGCGGCCU C AGAAUCUU 8292 AAGAUUCU CUGAUGAG GCCGUUAGGC CGAA AGGCCGCG 26668 4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672	·	<del> </del>		<del></del>		
4649 6381 CUCAGAAU C UUCCUUUC 8293 GAAAGGAA CUGAUGAG GCCGUUAGGC CGAA AUUCUGAG 26669 4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672			<del></del>			
4651 6379 CAGAAUCU U CCUUUCAC 8294 GUGAAAGG CUGAUGAG GCCGUUAGGC CGAA AGAUUCUG 26670 4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672				<del></del>		
4652 6378 AGAAUCUU C CUUUCACC 8295 GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AAGAUUCU 26671 4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672				<del></del>	<u> </u>	
4655 6375 AUCUUCCU U UCACCAAG 8296 CUUGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAU 26672						
<u>  </u>					<u> </u>	
4656 6374 UCUUCCUU U CACCAAGC 8297 GCUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAAGA 26673				<del></del>		
	4656	6374	UCUUCCUU U CACCAAGC	8297	GCUUGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAAGA 26	6673

Table VIII

			Labie	e VIII	
4657	6373	CUUCCUUU C ACCAAGCU	8298	AGCUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAGGAAG	26674
4666	6364	ACCAAGCU U CGUGAUGA	8299	UCAUCACG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGU	26675
4667	6363	CCAAGCUU C GUGAUGAC	8300	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AAGCUUGG	26676
4677	6353	UGAUGACU U CCACUUCG	8301	CGAAGUGG CUGAUGAG GCCGUUAGGC CGAA AGUCAUCA	26677
4678	6352	GAUGACUU C CACUUCGU	8302	ACGAAGUG CUGAUGAG GCCGUUAGGC CGAA AAGUCAUC	26678
4683	6347	CUUCCACU U CGUUGUUG	8303	CAACAACG CUGAUGAG GCCGUUAGGC CGAA AGUGGAAG	26679
4684	6346	UUCCACUU C GUUGUUGU	8304	ACAACAAC CUGAUGAG GCCGUUAGGC CGAA AAGUGGAA	26680
4687	6343	CACUUCGU U GUUGUCUU	8305	AAGACAAC CUGAUGAG GCCGUUAGGC CGAA ACGAAGUG	26681
4690	6340	UUCGUUGU U GUCUUCUA	8306	UAGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACAACGAA	26682
4693	6337	GUUGUUGU C UUCUAAAA	8307	UUUUAGAA CUGAUGAG GCCGUUAGGC CGAA ACAACAAC	26683
4695	6335	UGUUGUCU U CUAAAAUU	8308	AAUUUUAG CUGAUGAG GCCGUUAGGC CGAA AGACAACA	26684
4696	6334	GUUGUCUU C UAAAAUUG	8309	CAAUUUUA CUGAUGAG GCCGUUAGGC CGAA AAGACAAC	26685
4698	6332	UGUCUUCU A AAAUUGUG	8310	CACAAUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGACA	26686
4703	6327	UCUAAAAU U GUGUUUGU	8311	ACAAACAC CUGAUGAG GCCGUUAGGC CGAA AUUUUAGA	26687
4708	6322	AAUUGUGU U UGUCCUAG	8312	CUAGGACA CUGAUGAG GCCGUUAGGC CGAA ACACAAUU	26688
4709	6321	AUUGUGUU U GUCCUAGG	8313	CCUAGGAC CUGAUGAG GCCGUUAGGC CGAA AACACAAU	26689
4712	6318	GUGUUUGU C CUAGGACC	8314	GGUCCUAG CUGAUGAG GCCGUUAGGC CGAA ACAAACAC	26690
4715	6315	UUUGUCCU A GGACCAUC	8315	GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA AGGACAAA	26691
4723	6307	AGGACCAU C AAAGCACC	8316	GGUGCUUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCCU	26692
4736	6294	CACCACCU C CGGUCGUG	8317	CACGACCG CUGAUGAG GCCGUUAGGC CGAA AGGUGGUG	26693
4741	6289	CCUCCGGU C GUGGUAUG	8318	CAUACCAC CUGAUGAG GCCGUUAGGC CGAA ACCGGAGG GAGHGHCA CUGAUGAG GCCGUUAGGC CGAA ACCACGAC	26695
4747	6283	GUCGUGGU A UGACACUC	8319	GAGUGUCA CUGAUGAG GCCGUUAGGC CGAA ACCACGAC AGCGGCUG CUGAUGAG GCCGUUAGGC CGAA AGUGUCAU	26695
4755	6275	AUGACACU C CAGCCGCU	8320	UGGCUUAC CUGAUGAG GCCGUUAGGC CGAA AGGUUGCA	26697
4771	6259	UGCAACCU U GUAAGCCA	8321	GGCUGGCU CUGAUGAG GCCGUUAGGC CGAA ACAAGGUU	26698
4774	6256	AACCUUGU A AGCCAGCC	8322	GGACUGCA CUGAUGAG GCCGUUAGGC CGAA AUCUGCCA	26699
4795	6235	UGGCAGAU C UGCAGUCC UCUGCAGU C CUCAACAG	8323 8324	CUGUUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCAGA	26700
4802	6228	GCAGUCCU C AACAGUUC	8325	GAACUGUU CUGAUGAG GCCGUUAGGC CGAA AGGACUGC	26701
4805	6225	UCAACAGU U CCAGAAAG	8326	CUUUCUGG CUGAUGAG GCCGUUAGGC CGAA ACUGUUGA	26702
4812	6218	CAACAGUU C CAGAAAGU	8327	ACUUUCUG CUGAUGAG GCCGUUAGGC CGAA AACUGUUG	26703
4813	6217	CAGAAAGU U UUUUCUCU	8328	AGAGAAA CUGAUGAG GCCGUUAGGC CGAA ACUUUCUG	26704
4823	6207	AGAAAGUU U UUUCUCUC	8329	GAGAGAAA CUGAUGAG GCCGUUAGGC CGAA AACUUUCU	26705
4824	6206	GAAAGUUU U UUCUCUCU	8330	AGAGAGAA CUGAUGAG GCCGUUAGGC CGAA AAACUUUC	26706
4825	6205	AAAGUUUU U UCUCUCUU	8331	AAGAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAACUUU	26707
4826	6204	AAGUUUUU U CUCUCUUC	8332	GAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AAAAACUU	26708
4827	6203	AGUUUUUU C UCUCUUCU	8333	AGAAGAGA CUGAUGAG GCCGUUAGGC CGAA AAAAAACU	26709
4829	6201	טטטטטטכט כ טכטטכטככ	8334	GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA	26710
4831	6199	UUUUCUCU C UUCUCCUC	8335	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGAAAA	26711
4833	6197	UUCUCUCU U CUCCUCUG	8336	CAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AGAGAGAA	26712
4834	6196	UCUCUCUU C UCCUCUGA	8337	UCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AAGAGAGA	26713
4836	6194	UCUCUUCU C CUCUGAGC	8338	GCUCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAAGAGA	26714
4839	6191	CUUCUCCU C UGAGCCGG	8339	CCGGCUCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG	26715
4849	6181	GAGCCGGU A UUCCCCAU	8340	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA ACCGGCUC	26716
4851	6179	GCCGGUAU U CCCCAUCC	8341	GGAUGGGG CUGAUGAG GCCGUUAGGC CGAA AUACCGGC	26717
4852	6178	CCGGUAUU C CCCAUCCA	8342	UGGAUGGG CUGAUGAG GCCGUUAGGC CGAA AAUACCGG	26718
4858	6172	UUCCCCAU C CAUGGUAU	8343	AUACCAUG CUGAUGAG GCCGUUAGGC CGAA AUGGGGAA	26719
4865	6165	UCCAUGGU A UAUACCUU	8344	AAGGUAUA CUGAUGAG GCCGUUAGGC CGAA ACCAUGGA	26720
4867	6163	CAUGGUAU A UACCUUCU	8345	AGAAGGUA CUGAUGAG GCCGUUAGGC CGAA AUACCAUG	26721
4869	6161	UGGUAUAU A CCUUCUCA	8346	UGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AUAUACCA	26722
4873	6157	AUAUACCU U CUCACGCU	8347	AGCGUGAG CUGAUGAG GCCGUUAGGC CGAA AGGUAUAU	26723
4874	6156	UAUACCUU C UCACGCUC	8348	GAGCGUGA CUGAUGAG GCCGUUAGGC CGAA AAGGUAUA	26724
4876	6154	UACCUUCU C ACGCUCUG	8349	CAGAGCGU CUGAUGAG GCCGUUAGGC CGAA AGAAGGUA	26725
4882	6148	CUCACGCU C UGGUUGGU	8350	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA AGCGUGAG	26726
4887	6143	GCUCUGGU U GGUAGAAU	8351	AUUCUACC CUGAUGAG GCCGUUAGGC CGAA ACCAGAGC	26727
4891	6139	UGGUUGGU A GAAUUGAG	8352	CUCAAUUC CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	26728
4896	6134	GGUAGAAU U GAGCGAUC	8353	GAUCGCUC CUGAUGAG GCCGUUAGGC CGAA AUUCUACC	26729
4904	6126	UGAGCGAU C AGUCCGUU	8354	AACGGACU CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG	26730 26731
4908	6122	CGAUCAGU C CGUUUGGC	8355	GCCAAACG CUGAUGAG GCCGUUAGGC CGAA ACUGAUCG ACAUGCCA CUGAUGAG GCCGUUAGGC CGAA ACGGACUG	26732
4912	6118	CAGUCCGU U UGGCAUGU	8356	ACAUGCCA CUGAUGAG GCCGUUAGGC CGAA ACGGACUG  AACAUGCC CUGAUGAG GCCGUUAGGC CGAA AACGGACU	26733
4913	6117	AGUCCGUU U GGCAUGUU UGGCAUGU U GAUGUUGU	8357 8358	ACAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCA  ACAACAUC CUGAUGAG GCCGUUAGGC CGAA ACAUGCCA	26734
4921	6109	GUUGAUGU U GUCCAGCA	8359	UGCUGGAC CUGAUGAG GCCGUUAGGC CGAA ACAUGACAC	26735
4927	6103	JOOGAGGO O GOCCAGCA	1 0333	OGCOGGAC COGALIGAG GCCGOUAGGC CGAA ACADCAAC	1-0,00

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4930	6100	GAUGUUGU C CAGCAUGA	8360	UCAUGCUG CUGAUGAG GCCGUUAGGC CGAA ACAACAUC	26736
4940	6090	AGCAUGAU U CGUGCCUC	8361	GAGGCACG CUGAUGAG GCCGUUAGGC CGAA AUCAUGCU	26737
4941	6089	GCAUGAUU C GUGCCUCA	8362	UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA AAUCAUGC	26738
4948	6082	UCGUGCCU C AGUCCAAU	8363	AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AGGCACGA	26739
4952	6078	GCCUCAGU C CAAUGGGC	8364	GCCCAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAGGC	26740
4966	6064	GGCGAAGU U CGAGUCGU	8365	ACGACUCG CUGAUGAG GCCGUUAGGC CGAA ACUUCGCC	26741
4967	6063	GCGAAGUU C GAGUCGUC	8366	GACGACUC CUGAUGAG GCCGUUAGGC CGAA AACUUCGC	26742
4972	6058	GUUCGAGU C GUCUUCAU	8367	AUGAAGAC CUGAUGAG GCCGUUAGGC CGAA ACUCGAAC	26743
4975	6055	CGAGUCGU C UUCAUUCG	8368	CGAAUGAA CUGAUGAG GCCGUUAGGC CGAA ACGACUCG	26744
4977	6053	AGUCGUCU U CAUUCGUG	8369	CACGAAUG CUGAUGAG GCCGUUAGGC CGAA AGACGACU	26745
4978	6052	GUCGUCUU C AUUCGUGU	8370	ACACGAAU CUGAUGAG GCCGUUAGGC CGAA AAGACGAC	26746
4981	6049	GUCUUCAU U CGUGUGCC	8371	GGCACACG CUGAUGAG GCCGUUAGGC CGAA AUGAAGAC	26747
4982	6048	UCUUCAUU C GUGUGCCC	8372	GGGCACAC CUGAUGAG GCCGUUAGGC CGAA AAUGAAGA	26748
4996	6034	CCCCCAU A ACAGUACU	8373	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA AUGGGGGG	26749
5002	6028	AUAACAGU A CUCAUCAC	8374	GUGAUGAG CUGAUGAG GCCGUUAGGC CGAA ACUGUUAU	26750
5005	6025	ACAGUACU C AUCACCAA	8375	UUGGUGAU CUGAUGAG GCCGUUAGGC CGAA AGUACUGU	26751
5008	6022	GUACUCAU C ACCAACUU	8376	AAGUUGGU CUGAUGAG GCCGUUAGGC CGAA AUGAGUAC	26752
5016	6014	CACCAACU U GCGACGGA	8377	UCCGUCGC CUGAUGAG GCCGUUAGGC CGAA AGUUGGUG	26753
5026	6004	CGACGGAU U UCUACCGA	8378	UCGGUAGA CUGAUGAG GCCGUUAGGC CGAA AUCCGUCG	26754
5027	6003	GACGGAUU U CUACCGAU	8379	AUCGGUAG CUGAUGAG GCCGUUAGGC CGAA AAUCCGUC	26755
5028	6002	ACGGAUUU C UACCGAUA	8380	UAUCGGUA CUGAUGAG GCCGUUAGGC CGAA AAAUCCGU	26756
5030	6000	GGAUUUCU A CCGAUACG	8381	CGUAUCGG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCC	26757
5036	5994	CUACCGAU A CGUCCACG	8382	CGUGGACG CUGAUGAG GCCGUUAGGC CGAA AUCGGUAG	26758
5040	5990	CGAUACGU C CACGUCUC	8383	GAGACGUG CUGAUGAG GCCGUUAGGC CGAA ACGUAUCG	26759
5046	5984	GUCCACGU C UCUGGGCG	8384	CGCCCAGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGAC	26760
5048	5982	CCACGUCU C UGGGCGGC	8385	GCCGCCCA CUGAUGAG GCCGUUAGGC CGAA AGACGUGG	26761
5060	5970	GCGGCACU A GCUGCUGU	8386	ACAGCAGC CUGAUGAG GCCGUUAGGC CGAA AGUGCCGC	26762
5069	5961	GCUGCUGU C ACUGCAGA	8387	UCUGCAGU CUGAUGAG GCCGUUAGGC CGAA ACAGCAGC	26763
5082	5948	CAGAUGGU U CUCCCAGG	8388	CCUGGGAG CUGAUGAG GCCGUUAGGC CGAA ACCAUCUG	26764
5083	5947	AGAUGGUU C UCCCAGGA	8389	UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AACCAUCU	26765
5085	5945	AUGGUUCU C CCAGGAUC	8390	GAUCCUGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAU	26766
5093	5937	CCCAGGAU C ACUCUCCC	8391	GGGAGAGU CUGAUGAG GCCGUUAGGC CGAA AUCCUGGG	26767
5097	5933	GGAUCACU C UCCCUUCU	8392	AGAAGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUCC	26768
5099	5931	AUCACUCU C CCUUCUCC	8393	GGAGAAGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAU	26769
5103	5927	CUCUCCCU U CUCCUUCU	8394	AGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AGGGAGAG	26770
5104	5926	UCUCCCUU C UCCUUCUG	8395	CAGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAGGGAGA	26771
5106	5924	UCCCUUCU C CUUCUGUU	8396	AACAGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAGGGA	26772
5109	5921	CUUCUCCU U CUGUUAUG	8397	CAUAACAG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAG	26773
5110	5920	UUCUCCUU C UGUUAUGA	8398	UCAUAACA CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA	26774
5114	5916	CCUUCUGU U AUGAUGGU	8399	ACCAUCAU CUGAUGAG GCCGUUAGGC CGAA ACAGAAGG	26775
5115	5915	CUUCUGUU A UGAUGGUU	8400	AACCAUCA CUGAUGAG GCCGUUAGGC CGAA AACAGAAG	26776
5123	5907	AUGAUGGU U GGUUUCAC	8401	GUGAAACC CUGAUGAG GCCGUUAGGC CGAA ACCAUCAU	26777
5127	5903	UGGUUGGU U UCACACUC	8402	GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA ACCAACCA	26778
5128	5902	GGUUGGUU U CACACUCU	8403	AGAGUGUG CUGAUGAG GCCGUUAGGC CGAA AACCAACC	26779
5129	5901	GUUGGUUU C ACACUCUU	8404	AAGAGUGU CUGAUGAG GCCGUUAGGC CGAA AAACCAAC	26780
5135	5895	UUCACACU C UUCCGGCU	8405	AGCCGGAA CUGAUGAG GCCGUUAGGC CGAA AGUGUGAA	26781
5137	5893	CACACUCU U CCGGCUGU	8406	ACAGCCGG CUGAUGAG GCCGUUAGGC CGAA AGAGUGUG	26782
5138	5892	ACACUCUU C CGGCUGUC	8407	GACAGCCG CUGAUGAG GCCGUUAGGC CGAA AAGAGUGU	26783
5146	5884	CCGGCUGU C AAUCACCC	8408	GGGUGAUU CUGAUGAG GCCGUUAGGC CGAA ACAGCCGG	26784
5150	5880	CUGUCAAU C ACCCUGCU	8409	AGCAGGGU CUGAUGAG GCCGUUAGGC CGAA AUUGACAG	26785
5159	5871	ACCCUGCU C GCCUUGAA	8410	UUCAAGGC CUGAUGAG GCCGUUAGGC CGAA AGCAGGGU	26786
5164	5866	GCUCGCCU U GAAGUUAG	8411	CUAACUUC CUGAUGAG GCCGUUAGGC CGAA AGGCGAGC	26787
5170	5860	CUUGAAGU U AGCCCCCA	8412	UGGGGGCU CUGAUGAG GCCGUUAGGC CGAA ACUUCAAG	26788
5171	5859	UUGAAGUU A GCCCCCAU	8413	AUGGGGC CUGAUGAG GCCGUUAGGC CGAA AACUUCAA	26789
5180	5850	GCCCCCAU U UCAGAUAU	8414	AUAUCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGGGGC	26790
5181	5849	CCCCAUU U CAGAUAUG	8415	CAUAUCUG CUGAUGAG GCCGUUAGGC CGAA AAUGGGGG	26791
5182	5848	CCCCAUUU C AGAUAUGU	8416	ACAUAUCU CUGAUGAG GCCGUUAGGC CGAA AAAUGGGG	26792
5187	5843	UUUCAGAU A UGUCUGUU	8417	AACAGACA CUGAUGAG GCCGUUAGGC CGAA AUCUGAAA	26793
5191	5839	AGAUAUGU C UGUUGUGA	8418	UCACAACA CUGAUGAG GCCGUUAGGC CGAA ACAUAUCU	26794
5195	5835	AUGUCUGU U GUGAUAAC	8419	GUUAUCAC CUGAUGAG GCCGUUAGGC CGAA ACAGACAU	26795
5201	5829	GUUGUGAU A ACAAAGUC	8420	GACUUUGU CUGAUGAG GCCGUUAGGC CGAA AUCACAAC	26796
5209	5821	AACAAAGU C CCAAUCAU	8421	AUGAUUGG CUGAUGAG GCCGUUAGGC CGAA ACUUUGUU	26797
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5215	5815	GUCCCAAU C AUCGUUCU	8422	AGAACGAU	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGGGAC	26798
5218	5812	CCAAUCAU C GUUCUUAC	8423	GUAAGAAC	CUGAUGAG	GCCGUUAGGC	CGAA	AUGAUUGG	26799
5221	5809	AUCAUCGU U CUUACAUU	8424	AAUGUAAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGAUGAU	26800
5222	5808	UCAUCGUU C UUACAUUU	8425	AAAUGUAA	CUGAUGAG	GCCGUUAGGC	CGAA	AACGAUGA	26801
5224	5806	AUCGUUCU U ACAUUUUG	8426	CAAAAUGU	CUGAUGAG	GCCGUUAGGC	CGAA	AGAACGAU	26802
5225	5805	UCGUUCUU A CAUUUUGG	8427	CCAAAAUG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGAACGA	26803
5229	5801	UCUUACAU U UUGGGUAC	8428	GUACCCAA	CUGAUGAG	GCCGUUAGGC	CGAA	AUGUAAGA	26804
5230	5800	CUUACAUU U UGGGUACU	8429	AGUACCCA	CUGAUGAG	GCCGUUAGGC	CGAA	AAUGUAAG	26805
5231	5799	UUACAUUU U GGGUACUC	8430	GAGUACCC	CUGAUGAG	GCCGUUAGGC	CGAA	AAAUGUAA	26806
5236	5794	UUUUGGGU A CUCCGUCU	8431	AGACGGAG	CUGAUGAG	GCCGUUAGGC	CGAA	ACCCAAAA	26807
5239	5791	UGGGUACU C CGUCUCGU	8432	ACGAGACG	CUGAUGAG	GCCGUUAGGC	CGAA	AGUACCCA	26808
5243	5787	UACUCCGU C UCGUACGA	8433	UCGUACGA	CUGAUGAG	GCCGUUAGGC	CGAA	ACGGAGUA	26809
5245	5785	CUCCGUCU C GUACGACU	8434	AGUCGUAC	CUGAUGAG	GCCGUUAGGC	CGAA	AGACGGAG	26810
5248	5782	CGUCUCGU A CGACUUUC	8435	GAAAGUCG	CUGAUGAG	GCCGUUAGGC	CGAA	ACGAGACG	26811
5254	5776	GUACGACU U UCUGUUCA	8436	UGAACAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUCGUAC	26812
5255	5775	UACGACUU U CUGUUCAA	8437	UUGAACAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGUCGUA	26813
5256	5774	ACGACUUU C UGUUCAAU	8438	AUUGAACA	CUGAUGAG	GCCGUUAGGC	CGAA	AAAGUCGU	26814
5260	5770	CUUUCUGU U CAAUUGGA	8439	UCCAAUUG	CUGAUGAG	GCCGUUAGGC	CGAA	ACAGAAAG	26815
5261	5769	UUUCUGUU C AAUUGGAC	8440	GUCCAAUU	CUGAUGAG	GCCGUUAGGC	CGAA	AACAGAAA	26816
5265	5765	UGUUCAAU U GGACUACU	8441	AGUAGUCC	CUGAUGAG	GCCGUUAGGC	CGAA	AUUGAACA	26817
5271	5759	AUUGGACU A CUUUCUUU	8442	l		GCCGUUAGGC			26818
5274	5756	GGACUACU U UCUUUCCA	8443	UGGAAAGA	CUGAUGAG	GCCGUUAGGC	CGAA	AGUAGUCC	26819
5275	5755	GACUACUU U CUUUCCAG	8444	CUGGAAAG	CUGAUGAG	GCCGUUAGGC	CGAA	AAGUAGUC	26820
5276	5754	ACUACUUU C UUUCCAGC	8445	<u> </u>		GCCGUUAGGC		AAAGUAGU	26821
5278	5752	UACUUUCU U UCCAGCAC	8446	<del></del>		GCCGUUAGGC		AGAAAGUA	26822
5279	5751	ACUUUCUU U CCAGCACG	8447			GCCGUUAGGC			26823
5280	5750	CUUUCUUU C CAGCACGU	8448			GCCGUUAGGC			26824
5289	5741	CAGCACGU U GUAGGCAA	8449	<del></del>		GCCGUUAGGC			26825
5292	5738	CACGUUGU A GGCAAAGG	8450	<del></del>		GCCGUUAGGC			26826
5306	5724	AGGGCAAU C UCAUUCCC	8451	<del></del>		GCCGUUAGGC			26827
5308	5722	GGCAAUCU C AUUCCCCA	8452	<del></del>		GCCGUUAGGC			26828
5311	5719	AAUCUCAU U CCCCAUCU	8453	<del></del>		GCCGUUAGGC			26829
5312	5718	AUCUCAUU C CCCAUCUU	8454			GCCGUUAGGC			26830
5318	5712	UUCCCCAU C UUGACACU	8455			GCCGUUAGGC			26831
5320	5710	CCCCAUCU U GACACUAG	8456	<del></del>		GCCGUUAGGC			26832
5327	5703	UUGACACU A GGCACAAA	8457	L		GCCGUUAGGC			26833
5345	5685	CAAACCGU C UUCCCGGU	8458	<del></del>		GCCGUUAGGC			26834
5347	5683	AACCGUCU U CCCGGUGU	8459			GCCGUUAGGC			26835
5348	5682	ACCGUCUU C CCGGUGUA	8460			GCCGUUAGGC			26836
5356	5674	CCCGGUGU A UUCUGUGA	8461	L		GCCGUUAGGC			26837
5358	5672	CGGUGUAU U CUGUGAUC	8462			GCCGUUAGGC			26838
5359	5671	GGUGUAUU C UGUGAUCC	8463						-
5366	5664	UCUGUGAU C CAUUCGUA UGAUCCAU U CGUAUCCA	8464			GCCGUUAGGC			26840
5370	5660		8465 8466	<del></del>		GCCGUUAGGC			26842
5371	5659 5656	GAUCCAUU C GUAUCCAG CCAUUCGU A UCCAGAGU	8467			GCCGUUAGGC			26843
5374	5654	AUUCGUAU C CAGAGUUC	8468			GCCGUUAGGC			26844
5383	5647	UCCAGAGU U CCAAGCUC	8469			GCCGUUAGGC			26845
5384	5646	CCAGAGUU C CAAGCUCG	8470			GCCGUUAGGC			26846
5391	5639	UCCAAGCU C GAUCCGGG	8471			GCCGUUAGGC			26847
5395	5635	AGCUCGAU C CGGGAUCU	8472			GCCGUUAGGC			26848
5402	5628	UCCGGGAU C UCAGUCUG	8473	<del></del>		GCCGUUAGGC			26849
5404	5626	CGGGAUCU C AGUCUGUA	8474			GCCGUUAGGC			26850
5408	5622	AUCUCAGU C UGUAAGUC	8475			GCCGUUAGGC			26851
5412	5618	CAGUCUGU A AGUCGGAA	8476	<del></del>		GCCGUUAGGC			26852
5416	5614	CUGUAAGU C GGAAAUUG	8477			GCCGUUAGGC			26853
5423	5607	UCGGAAAU U GGUGAAUU	8478	<del></del>		GCCGUUAGGC		<del></del>	26854
5431	5599	UGGUGAAU U GGACUCUG	8479			GCCGUUAGGC			26855
5437	5593	AUUGGACU C UGGGAAUG	8480	<del></del>		GCCGUUAGGC			26856
5449	5581	GAAUGGAU C UGAAGUGC	8481	<del> </del>		GCCGUUAGGC			26857
5474	5556	GUGGCUGU C AUGAAUAU	8482			GCCGUUAGGC			26858
5481	5549	UCAUGAAU A UUGCCGCC	8483			GCCGUUAGGC			26859
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		000037	Tabl	le VIII	
5483	5547	AUGAAUAU U GCCGCCGC	8484		26860
5494	5536	CGCCGCCU C CCCUAGCU	8485	AGCUAGGG CUGAUGAG GCCGUUAGGC CGAA AGGCGGCG	26861
5499	5531	CCUCCCCU A GCUCGACC	8486	GGUCGAGC CUGAUGAG GCCGUUAGGC CGAA AGGGGAGG	26862
5503	5527	CCCUAGCU C GACCUUUG	8487		26863
5509	5521	CUCGACCU U UGUGGAAA	8488	UUUCCACA CUGAUGAG GCCGUUAGGC CGAA AGGUCGAG	26864
5510	5520	UCGACCUU U GUGGAAAU	8489	AUUUCCAC CUGAUGAG GCCGUUAGGC CGAA AAGGUCGA	26865
5521	5509	GGAAAUGU A ACCUCUUG	8490	CAAGAGGU CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC	26866
5526	5504	UGUAACCU C UUGCUGCA	8491	UGCAGCAA CUGAUGAG GCCGUUAGGC CGAA AGGUUACA	26867
5528	5502	UAACCUCU U GCUGCAAU	8492	AUUGCAGC CUGAUGAG GCCGUUAGGC CGAA AGAGGUUA	
5540	5490	GCAAUGCU A GCUGGGUC	8493	GACCCAGC CUGAUGAG GCCGUUAGGC CGAA AGCAUUGC	26868
5548	5482	AGCUGGGU C GGUGAAAU	8494	AUUUCACC CUGAUGAG GCCGUUAGGC CGAA ACCCAGCU	
5563	5467	AUGAGCCU C AUCCAUCA	8495	UGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGCCUCAU	26870
5566	5464	AGCCUCAU C CAUCACGA	8496		26871
	<b></b>	<del></del>		UCGUGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGGCU	26872
5570	5460	UCAUCCAU C ACGAACAG	8497	CUGUUCGU CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA	26873
5581	5449	GAACAGGU U GUAGUUCG	8498	CGAACUAC CUGAUGAG GCCGUUAGGC CGAA ACCUGUUC	26874
5584	5446	CAGGUUGU A GUUCGGCA	8499	UGCCGAAC CUGAUGAG GCCGUUAGGC CGAA ACAACCUG	26875
5587	5443	GUUGUAGU U CGGCACCC	8500	GGGUGCCG CUGAUGAG GCCGUUAGGC CGAA ACUACAAC	26876
5588	5442	UUGUAGUU C GGCACCCU	8501	AGGGUGCC CUGAUGAG GCCGUUAGGC CGAA AACUACAA	26877
5609	5421	GGAGACAU C AGCCUGUG	8502	CACAGGCU CUGAUGAG GCCGUUAGGC CGAA AUGUCUCC	26878
5627	5403	GUGAGGGU A GCAUGACA	8503	UGUCAUGC CUGAUGAG GCCGUUAGGC CGAA ACCCUCAC	26879
5644	5386	CAUGACAU C AACAAUCU	8504	AGAUUGUU CUGAUGAG GCCGUUAGGC CGAA AUGUCAUG	26880
5651	5379	UCAACAAU C UCAUUUCC	8505	GGAAAUGA CUGAUGAG GCCGUUAGGC CGAA AUUGUUGA	26881
5653	5377	AACAAUCU C AUUUCCAU	8506	AUGGAAAU CUGAUGAG GCCGUUAGGC CGAA AGAUUGUU	26882
5656	5374	AAUCUCAU U UCCAUUAU	8507	AUAAUGGA CUGAUGAG GCCGUUAGGC CGAA AUGAGAUU	26883
5657	5373	AUCUCAUU U CCAUUAUG	8508	CAUAAUGG CUGAUGAG GCCGUUAGGC CGAA AAUGAGAU	26884
5658	5372	UCUCAUUU C CAUUAUGU	8509	ACAUAAUG CUGAUGAG GCCGUUAGGC CGAA AAAUGAGA	26885
5662	5368	AUUUCCAU U AUGUUCUC	8510	GAGAACAU CUGAUGAG GCCGUUAGGC CGAA AUGGAAAU	26886
5663	5367	UUUCCAUU A UGUUCUCU	8511	AGAGAACA CUGAUGAG GCCGUUAGGC CGAA AAUGGAAA	26887
5667	5363	CAUUAUGU U CUCUGGGC	8512	GCCCAGAG CUGAUGAG GCCGUUAGGC CGAA ACAUAAUG	26888
5668	5362	AUUAUGUU C UCUGGGCA	8513	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA AACAUAAU	26889
5670	5360	UAUGUUCU C UGGGCACU	8514	AGUGCCCA CUGAUGAG GCCGUUAGGC CGAA AGAACAUA	26890
5687	5343	GCGGAUGU C UGGUACCG	8515	CGGUACCA CUGAUGAG GCCGUUAGGC CGAA ACAUCCGC	26891
5692	5338	UGUCUGGU A CCGGAUGG	8516		26892
5706	5324	UGGGCAGU C CUCUCAGU	8517	ACUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACUGCCCA	26893
5709	5321	GCAGUCCU C UCAGUGCU	8518	AGCACUGA CUGAUGAG GCCGUUAGGC CGAA AGGACUGC	26894
5711	5319	AGUCCUCU C AGUGCUUC	8519	GAAGCACU CUGAUGAG GCCGUUAGGC CGAA AGAGGACU	26895
5718	5312	UCAGUGCU U CAGCCAUC	8520	GAUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGCACUGA	26896
5719	5311	CAGUGCUU C AGCCAUCU	8521	AGAUGGCU CUGAUGAG GCCGUUAGGC CGAA AAGCACUG	26897
5726	5304	UCAGCCAU C UCAGCAGC	8522	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGGCUGA	26898
5728	5302	AGCCAUCU C AGCAGCCA	8523	UGGCUGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGGCU	26899
5747	5283	ACCCUGGU U GGUGCUAG	8524	CUAGCACC CUGAUGAG GCCGUUAGGC CGAA ACCAGGGU	26900
5754	5276	UUGGUGCU A GCACGGCU	8525	AGCCGUGC CUGAUGAG GCCGUUAGGC CGAA AGCACCAA	26901
5765	5265	ACGGCUGU U CUCAGUCU	8526		26902
5766	5264	CGGCUGUU C UCAGUCUU	8527	AAGACUGA CUGAUGAG GCCGUUAGGC CGAA AACAGCCG	26903
5768	5262	GCUGUUCU C AGUCUUCU	8528	AGAAGACU CUGAUGAG GCCGUUAGGC CGAA AGAACAGC	26904
5772	5258	UUCUCAGU C UUCUGUUU	8529	AAACAGAA CUGAUGAG GCCGUUAGGC CGAA ACUGAGAA	26905
5774	5256	CUCAGUCU U CUGUUUAU	8530	AUAAACAG CUGAUGAG GCCGUUAGGC CGAA AGACUGAG	26906
5775	5255	UCAGUCUU C UGUUUAUG	8531	CAUAAACA CUGAUGAG GCCGUUAGGC CGAA AAGACUGA	26907
5779	5251	UCUUCUGU U UAUGGCCU	8532	AGGCCAUA CUGAUGAG GCCGUUAGGC CGAA ACAGAAGA	26908
5780	5250	CUUCUGUU U AUGGCCUC	8533	GAGGCCAU CUGAUGAG GCCGUUAGGC CGAA AACAGAAG	26909
5781	5249	UUCUGUUU A UGGCCUCU	8534	AGAGGCCA CUGAUGAG GCCGUUAGGC CGAA AAACAGAA	26910
5788	5242	UAUGGCCU C UUUGAUGA	8535	UCAUCAAA CUGAUGAG GCCGUUAGGC CGAA AGGCCAUA	26911
5790	5240	UGGCCUCU U UGAUGAUC	8536		26912
5791	5239	GGCCUCUU U GAUGAUCU	8537		26913
5798	5232	UUGAUGAU C UGUGGCAG	8538		26914
5810	5220	GGCAGAAU C CUCCUUGU	8539		26915
5813	5217	AGAAUCCU C CUUGUUUU	8540		26916
5816	5214	AUCCUCCU U GUUUUACC	8541		26917
5819	5211	CUCCUUGU U UUACCGGC	8542		26918
5820	5210	UCCUUGUU U UACCGGCG	8543		26919
5821	5209	CCUUGUUU U ACCGGCGC	8544		26920
5822	5208	CUUGUUUU A CCGGCGCC	8545		26921
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WO 02/068637 Table VIII CUGUACUG CUGAUGAG GCCGUUAGGC CGAA AUCUCCAU AUGGAGAU C CAGUACAG GAUCACUG CUGAUGAG GCCGUUAGGC CGAA ACUGGAUC GAUCCAGU A CAGUGAUC AAAAAACA CUGAUGAG GCCGUUAGGC CGAA AUCACUGU ACAGUGAU C UGUUUUUU GAGGAAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA UGAUCUGU U UUUUCCUC UGAGGAAA CUGAUGAG GCCGUUAGGC CGAA AACAGAUC GAUCUGUU U UUUCCUCA CUGAGGAA CUGAUGAG GCCGUUAGGC CGAA AAACAGAU AUCUGUUU U UUCCUCAG GCUGAGGA CUGAUGAG GCCGUUAGGC CGAA AAAACAGA UCUGUUUU U UCCUCAGC UGCUGAGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG CUGUUUUU U CCUCAGCA AUGCUGAG CUGAUGAG GCCGUUAGGC CGAA AAAAAACA UGUUUUUU C CUCAGCAU GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA AGGAAAAA UUUUUCCU C AGCAUCUC GAACCUGA CUGAUGAG GCCGUUAGGC CGAA AUGCUGAG CUCAGCAU C UCAGGUUC CAGCAUCU C AGGUUCGA UCGAACCU CUGAUGAG GCCGUUAGGC CGAA AGAUGCUG CGGAUUCG CUGAUGAG GCCGUUAGGC CGAA ACCUGAGA UCUCAGGU U CGAAUCCG CCGGAUUC CUGAUGAG GCCGUUAGGC CGAA AACCUGAG CUCAGGUU C GAAUCCGG CCCAGCCG CUGAUGAG GCCGUUAGGC CGAA AUUCGAAC GUUCGAAU C CGGCUGGG GAUGAGCC CUGAUGAG GCCGUUAGGC CGAA AUCCCAGC GCUGGGAU U GGCUCAUC GGAUGGAU CUGAUGAG GCCGUUAGGC CGAA AGCCAAUC GAUUGGCU C AUCCAUCC AAAGGAUG CUGAUGAG GCCGUUAGGC CGAA AUGAGCCA UGGCUCAU C CAUCCUUU GGUGAAAG CUGAUGAG GCCGUUAGGC CGAA AUGGAUGA UCAUCCAU C CUUUCACC CAGGGUGA CUGAUGAG GCCGUUAGGC CGAA AGGAUGGA UCCAUCCU U UCACCCUG GCAGGGUG CUGAUGAG GCCGUUAGGC CGAA AAGGAUGG CCAUCCUU U CACCCUGC CAUCCUUU C ACCCUGCA UGCAGGGU CUGAUGAG GCCGUUAGGC CGAA AAAGGAUG CCUGCACU A UCGCGCUU AAGCGCGA CUGAUGAG GCCGUUAGGC CGAA AGUGCAGG AUAAGCGC CUGAUGAG GCCGUUAGGC CGAA AUAGUGCA UGCACUAU C GCGCUUAU UCAUACAU CUGAUGAG GCCGUUAGGC CGAA AGCGCGAU AUCGCGCU U AUGUAUGA UCGCGCUU A UGUAUGAG CUCAUACA CUGAUGAG GCCGUUAGGC CGAA AAGCGCGA ACGGCUCA CUGAUGAG GCCGUUAGGC CGAA ACAUAAGC GCUUAUGU A UGAGCCGU UAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ACGGCUCA UGAGCCGU U GGGCAUUA UUGGGCAU U AUGACUCC GGAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUGCCCAA UGGAGUCA CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA UGGGCAUU A UGACUCCA UGGCAAUG CUGAUGAG GCCGUUAGGC CGAA AGUCAUAA UUAUGACU C CAUUGCCA UUUAUGGC CUGAUGAG GCCGUUAGGC CGAA AUGGAGUC GACUCCAU U GCCAUAAA UUGGGCUU CUGAUGAG GCCGUUAGGC CGAA AUGGCAAU AUUGCCAU A AAGCCCAA GGUGAUGU CUGAUGAG GCCGUUAGGC CGAA AUUGGGCU AGCCCAAU C ACAUCACC AAAACGGU CUGAUGAG GCCGUUAGGC CGAA AUGUGAUU AAUCACAU C ACCGUUUU UGGACAAA CUGAUGAG GCCGUUAGGC CGAA ACGGUGAU AUCACCGU U UUUGUCCA GUGGACAA CUGAUGAG GCCGUUAGGC CGAA AACGGUGA UCACCGUU U UUGUCCAC AGUGGACA CUGAUGAG GCCGUUAGGC CGAA AAACGGUG CACCGUUU U UGUCCACU UAGUGGAC CUGAUGAG GCCGUUAGGC CGAA AAAACGGU ACCGUUUU U GUCCACUA GUUUUUGU C CACUAUUG CAAUAGUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAC UGUCCACU A UUGGUGAG CUCACCAA CUGAUGAG GCCGUUAGGC CGAA AGUGGACA GGCUCACC CUGAUGAG GCCGUUAGGC CGAA AUAGUGGA UCCACUAU U GGUGAGCC CCCACUGG CUGAUGAG GCCGUUAGGC CGAA ACAUCAGG CCUGAUGU U CCAGUGGG CUGAUGUU C CAGUGGGG CCCCACUG CUGAUGAG GCCGUUAGGC CGAA AACAUCAG UGACUUUG CUGAUGAG GCCGUUAGGC CGAA ACUUCCCC GGGGAAGU C CAAAGUCA UCCAAAGU C ACGGCCCC GGGGCCGU CUGAUGAG GCCGUUAGGC CGAA ACUUUGGA GCCCCGAU U UCUCCUUC GAAGGAGA CUGAUGAG GCCGUUAGGC CGAA AUCGGGGC CCCCGAUU U CUCCUUCA UGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAUCGGGG CCCGAUUU C UCCUUCAG CUGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAAUCGGG CGAUUUCU C CUUCAGGU ACCUGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAAUCG AACACCUG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAA UUUCUCCU U CAGGUGUU AAACACCU CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA UUCUCCUU C AGGUGUUU GUGUUCAA CUGAUGAG GCCGUUAGGC CGAA ACACCUGA UCAGGUGU U UUGAACAC GGUGUUCA CUGAUGAG GCCGUUAGGC CGAA AACACCUG CAGGUGUU U UGAACACC 

AGGUGUUU U GAACACCC

CCCCUGGU U UCGUCUGG

CCCUGGUU U CGUCUGGA

CCUGGUUU C GUCUGGAC

GGUUUCGU C UGGACGUU

CUGGACGU U CUUAACGU

UGGACGUU C UUAACGUU

GACGUUCU U AACGUUCU

GGGUGUUC CUGAUGAG GCCGUUAGGC CGAA AAACACCU

CCAGACGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGGG

UCCAGACG CUGAUGAG GCCGUUAGGC CGAA AACCAGGG

Table VIII		WO 02	/068637	T-L1	VIII	PC17U	S01/48350	
Filips   F		1000	NOTES OF A POST OF THE PARTY OF			COURTE COO O	CAA AACAACTI	2004
Fig. 1922								
6117   6131   MONGROUN   CONCROUND   6111   MACCURGE CURAUDARG SCISULAGING CARA ACCURGE 26988   6111   6113   MEGICAGIUM   CONCROLADA   6121   MURITIGATE   MONTH   GOSTULAGING CORAN ACCURGE 26988   6118   6119   6119   6110   CONCROLADA   6114   GIRCAGERIA   GOSTULAGING CORAN ACCURGE 26988   6110   6110   6110   6110   6110   6110   6111   6								
Filin   4913   DECCAGEU U CACCACA   8612   USUGGUG CUANDAM (CCCUMUNGC CARA ACCUGGA   25988   Filin   4912   ACCACANI C AUCUIGCA   8614   GUIGGAGU CUGARDAM (CCCUMUNGC) CARA ACCUGGA   25988   Filin   4912   ACCACANI C NUCLUCA   8615   GUIGGAGU CUGARDAM (CCCUMUNGC) CARA AUTUGUGU   25991   Filin   4991   ACCACANI C NUCLUCA   8615   GAGGUGA CUGARDAM (CCCUMUNGC) CARA AUTUGUGU   25991   Filin   4991   ACCACANI C NUCLUCA   8615   GAGGUGA CUGARDAM CUGARDAM C CORDUNAC COM AUTUGUGU   25991   Filin   4991   ACCACACA C CUGACCAN   8617   ACCACAGU CUGARDAM CUGARDAM C CORDUNAC COM AUGUSTA   25991   Filin   4991   ACCACAGU C CUCACAGU   8617   ACCACAGU CUGARDAM CUGARDAM C CORDUNAC COM AUTUGUGU   25991   Filin   4991   ACCACAGU C CUCACAGU   8618   ACCAGUAG CUGARDAM C CORDUNAC COM AUTUGUGU   25991   Filin   4991   BUCCAGUL C CACUARDI   8619   ACCACAGU C CUGARDAM C CUGARDAM C COM AUTUGUGU   25991   Filin   4991   BUCCAGU C CACUARDI   8619   ACCACAGU C CUGARDAM C CUGARDAM C COM AUTUGUGU   25991   Filin   4991   BUCCAGU C CACUARDI   8619   ACCACAGU C CUGARDAM C CUGARDAM C COM AUTUGU   25991   Filin   4991   BUCCAGU C CACUARDI   8619   ACCACAGU C CUGARDAM C CUGARDAM C COM AUTUGU   25991   Filin   4991   BUCCAGU C CACUARDI   8619   ACCACAGU C CUGARDAM C CUGARDAM C COM AUTUGU   25991   Filin   4991								
6131   4899   ACCACANU C NUCLEICAC   8614   GUIGACAN CUGARGA CICCUIUAGGC COAA AUTGURGU 26991   6139   46931   CUGACAU C VUCACUEC   8615   GAGGURGA CUGARGA GCCCUIUAGGC COAA AGGURGA 26991   6139   46931   CUGACAUC C CUCACUEC   8616   GAGGURGA CUGARGA GCCCUIUAGGC COAA AGGURGA 26991   6131   4879   CUGACCGU U CACCUTURU 8617   ACAGGURGA CUGARGA GCCCUIUAGGC COAA AGGURGA 26991   6132   4878   CUGACCGU U CACCUTURU 8618   ACAGGURGA CUGARGA GCCCUIUAGGC COAA AGGURGA 26991   6132   4878   CUGACCGU U CACCUTURU 8618   ACAAGGURGA CUGARGA GCCCUIUAGGC COAA AACGGURGA 26995   6137   4873   CUGACCGU U CACCUTURU 8618   ACAAGGURGA CUGARGA GCCCUIUAGGC COAA AACGGURGA 26995   6169   4861   CUGACGAU U CACCUTURU 8621   ACCCUGA CUGARGA GCCCUIUAGGC COAA AACGGURGA 26995   6169   4861   CUGACGAU U CACAGGURG 8622   GACCCUG CUGARGA GCCCUIUAGGC COAA AACGGURGA 26995   6169   4861   CUGACGAU U CACAGGURG 8623   GACCCUG CUGARGA GCCCUIUAGGC COAA AACGGURGA 26995   6169   4861   CUGACGAU C CUCAGGURG 8623   GACCCUG CUGARGA GCCCUIUAGGC COAA AACGGURGA 27906   6180   4850   UCCAGGURU C CUCAGGURG 8623   GACCCUG CUGARGA GCCCUIUAGGC COAA AAGGACCU 27901   6180   4850   UCCAGGURU AACAGGURG CUCACAGGA 27906   6180   4850   UCCAGGUR AACAGGURGA 26995   6180   4850   UCCAGGURGA CACAGGURGA 27906   6180   4850   ACAAAGGUR C AACAAGGURGA 27906   6180   4850   UCCAGGURGA C CUCACUGA 28995   6180   4850   UCCAGGURGA CACAGGURGA 27906   6180   4850   ACAAAGGURGA 27906   6820   UCCAGGURGA 27906   6180   4850   UCCAGGURGA 27906   6190   4850   UCCAGGURGA 27906   6820   UCCAGGURGA 27906   6190   4850   UCCAGGURGA 27906   6820   UCCAGGURGA 27906   6190   4850   UCCAGGURGA 27906   6820   UCCA	6117							
6133   4699   ACARICON C UGACCICC   6615   GAGGUICA CUGAIRGA GCCGUURAGC COAA AUGANUGU 26991   6142   4888   CACCICAN C CUGACCCUU 8617   ACGGCAG CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26992   6152   4878   UGACCCGUU C CUCACCUU 8617   ACGGCAG CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26991   6153   4878   UGACCCGUU C CACUUGUU 8618   ACARGUICA CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26991   6154   4878   UGACCCGUU C CACUUGUU 8617   ACACAGGC CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26991   6157   4878   GUICCACUU U GUUCCAC 8620   UCACACAC CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26991   6158   4661   CUCACAUU U CACAGGC 8621   ACACAGGC CUGAIRGA GCCGUURAGC COAA AUGAGCAC 26991   6159   4661   CUCACAUU U CACAGGC 8621   ACACAGGC CUGAIRGA GCCGUURAGC COAA AUGACAC 26991   6170   4660   UGACAGUU C CACGUCC 8623   GACACCUG CUGAIRGA GCCGUURAGC COAA AUGACAC 26991   6170   4660   UGACAGUU C CUCACACA 8624   UUACGGAC CUGAIRGA GCCGUURAGC COAA AUGACAC 26991   6170   4660   UGACAGUU C CUCACACA 8624   UUACGGAC CUGAIRGA GCCGUURAGC COAA AAUGAC 26991   6170   4660   UGACAGUU C CUCACACA 8625   UUACGGAC CUGAIRGA GCCGUURAGC COAA AAUGAC 26991   6180   4690   AGGGCCUC C CUGAACA 8625   UUACGGAC CUGAIRGA GCCGUURAGC COAA AAUGAC 27001   6180   4690   AGGGCCUC C CUGAACA 8625   UUACGGAC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27002   6191   4691   AGGCCCAC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27002   6192   4693   AACAAGUC C GACCUURAG 8629   GACUURU CUGAIRGA GCCGUURAGC COAA ACGGAGA 27002   6193   4691   AGGCCCAC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27002   6194   4691   UCAGAGCC C CUGAIRGA 6620   GACUURU CUGAIRGA GCCGUURAGC COAA ACGGAGA 27005   6195   4691   AGGCCCAC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27005   6195   4691   AGGCCCAC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27005   6196   4691   UCAGAGCA C CUGAIRGA CUGAIRGA GCCGUURAGC COAA ACGGAGA 27005   6197   4691   UCAGAGCA C CUGAIRGA CUGAIRGA CCCGUURAGC COAA ACGGAGA 27005   6201   4795   GACCCCUC C CUGACAC 8630   GACACCUC CUGAIRGA GCCGUURAGC COAA ACGGAGA 27001   6202   4892   AUCCCCCC C CUCACAC 8631   GACCCCCC CUGAIRGA GCCGUURAGC COAA ACGGAC 27001	6118	4912						<del></del>
	6128	4902	ACCACAAU C AUCUGCAC	8614	GUGCAGAU CUGAUGAG GO	CCGUUAGGC C	GAA AUUGUGGU	26990
6151   4878	6131	4899		8615	GAGGUGCA CUGAUGAG GO	CCGUUAGGC C	GAA AUGAUUGU	26991
	6139	4891	CUGCACCU C AUCCUGCC	8616	GGCAGGAU CUGAUGAG GG	CCGUUAGGC C	GAA AGGUGCAG	26992
	6142	4888	CACCUCAU C CUGCCCGU	8617	ACGGGCAG CUGAUGAG GC	CCGUUAGGC C	GAA AUGAGGUG	26993
6157   4873   GIUCCACU U GUGCUCCA   8620   UGCAGCAC CUGAUGAG   GCCUURAGC   CORA AGUGGAAC   26996   6169   4861   CUGCAAUU U CCAGGGUC   8622   GACCCUGG CUGAUGAG   GCCUURAGC   CORA AAAUUCCAC   26995   6177   4853   UGCAGGGUC   CUGCUGAA   8623   GACCCUGG CUGAUGAG   GCCUURAGC   CORA AAAUUCCAC   26996   6177   4853   UGCAGGGUC   CUGCUGAA   8624   GACCCUGG CUGAUGAG   GCCUURAGC   CORA AAAUUCCAC   26996   6180   4851   UGCAGGGU C CUGCUGAA   8624   UUGCAGGAC CUGAUGAG   GCCUURAGC   GCAA AAAUUCCAC   26996   6180   4850   UCCCCCCGU A ACAAAGC   8825   UUGCUACC   GUGAUGAG   GCCUURAGC   GCAA AGACCCCG   27001   6184   4846   UCCCCCCGU A ACAAAGC   8825   GACCGGGG   GCCUURAGC   GCAA AGACCCCG   27001   6195   4834   AAGACAGU C CUCCUUGA   8628   GAGCGGUC   CUGAUGAG   GCCUURAGC   GCAA ACAAAGC   27001   6196   4831   AAGACGAU C CUCCUUGA   8628   GUGUCAGC   GCAAGUUGC   GUGAUGAG   GCCUURAGC   GCAAGUUGC   GCAGUUGC   GCAAGUUGC	6151	4879	CUGCCCGU U CCACUUGU	8618	ACAAGUGG CUGAUGAG GO	CCGUUAGGC C	GAA ACGGGCAG	26994
6169   4861	6152	4878	UGCCCGUU C CACUUGUG	8619	CACAAGUG CUGAUGAG GO	CCGUUAGGC C	GAA AACGGGCA	26995
	6157	4873	GUUCCACU U GUGCUGCA	8620	UGCAGCAC CUGAUGAG GO	CCGUUAGGC C	GAA AGUGGAAC	26996
6161   6861	6168	4862	GCUGCAAU U UCCAGGGU	8621	ACCCUGGA CUGAUGAG GO	CCGUUAGGC C	GAA AUUGCAGC	26997
6177   4850	<b></b>		CUGCAAUU U CCAGGGUC	8622	GACCCUGG CUGAUGAG GO	CCGUUAGGC C	GAA AAUUGCAG	26998
				8623	GGACCCUG CUGAUGAG GO	CCGUUAGGC C	GAA AAAUUGCA	26999
6186		L						
6192   4838								
6195								
6199   6334   AAGUGGAU C CUUCUUGA   6628   UCAAGGAG CUGAUGAG GCGGULAGGC CGAA AGGACCU 27005   6219   4831   UCGAUCU C CUUGACAC   8629   GUGUCAAG CUGAUGAG GCCGULAGGC CGAA AGGACGA 27005   6217   4813   GCCCCAGU A UGGGUCCA   8631   UGGACCCA CUGAUGAG GCCGULAGGC CGAA AGGACGA 27006   6221   4819   GUCCCCCU U GCGCCCAGU A   8631   UGGACCCA CUGAUGAG GCCGULAGGC CGAA AGGACGA 27006   6223   4879   GCGCCCCU C UCCGCUCA   8631   UGGACCCA CUGAUGAG GCCGULAGGC CGAA ACCAUAC 27006   6235   4795   GCGCCCCU C UCCGCUCA   8632   GCGGCCCU CUGAUGAG GCCGULAGGC CGAA ACCAUAC 27006   6237   4795   GCGCCCCU C UCCGCUCA   8632   GCGGCCCU CUGAUGAG GCCGULAGGC CGAA ACCGAUAC 27006   6237   4795   GCGCCCCU C CACCCAUC   8634   GUGAUGAG GCCGULAGGC CGAA ACCGAUAC 27006   6237   4798   UCUCCGCU C AUCAAAGC   8635   GCUUUGAU CUGAUGAG GCCGULAGGC CGAA AGGGCCC 27010   6242   4788   UCUCCGCU C AUCAAAGC   8635   GCUUUGAU CUGAUGAG GCCGULAGGC CGAA AGGGCCC 27010   6255   4775   AAGCGGC C UUUGUUGU   8637   AACAAAAA CUGAUGAG GCCGULAGGC CGAA AGGGCCC 27014   6258   4772   CGGCUCCU U UUGUUGUA   8638   UACAACAA CUGAUGAG GCCGULAGGC CGAA AGGGCCCU 27013   6258   4773   GCUCCUU U UUGUUGUA   8639   AUCAACAA CUGAUGAG GCCGULAGGC CGAA AGGGACC 27014   6259   4770   GCUCCUU U UUGUUGUA   8639   AUCAACAA CUGAUGAG GCCGULAGGC CGAA AGGGACC 27015   6260   4770   GCUCCUU U UUGUUGUA   8649   AUACAACA CUGAUGAG GCCGULAGGC CGAA AGGGACC 27016   6261   4766   CUUUUGUU AU GCCAAAG   8641   UGGCAUAC CUGAUGAG GCCGULAGGC CGAA AAGGGACC 27016   6263   4767   CCUUUUGU U GUUGUAUA   8640   CAUACACA CUGAUGAG GCCGULAGGC CGAA AAGGACC 27016   6264   4766   UUUGUUGU A UGCCAAAG   8641   UGGCAUAC CUGAUGAG GCCGULAGGC CGAA AAGGACC 27016   6265   4766   CUUUUUGU A UGCCAAAG   8641   UGGCAUAC CUGAUGAG GCCGULAGGC CGAA AAGGGACC 27016   6266   4766   UUUGUUGU A UGCCAAAG   8641   UGGCAUAC CUGAUGAG GCCGULAGGC CGAA AAGGGACC 27016   6267   4771   CUCCCCCU U UUGUAGA GCCGULAGGC CGAA AAGGGACC 27016   6268   4766   CUUUUGUA A ACCCCAUC   8645   GCGGGCGCU UGAGGA GCCGULAGGC CGAA ACACAAC 27016   6299   4711   UGCCCCAU C AACCCA								
	<del></del>	<del>                                     </del>						<del> </del>
6222   4828   AUCCUCCU U GACACUGC   6630   GCAGUGUC CUGAUGAG   GCAGULAGGC   GAA ACGAGGAU   27006   6221   4813   GCCCCAGU A UGGGUCCA   8631   UGGACCCA CUGAUGAG   GCCGULAGGC   GAA ACUGGGGC   27007   6223   4897   GUAUGAGU C CAGGCGGC   8632   GCCGCCUG CUGAUGAGG   GCCGULAGGC   GAA ACUGGGGC   27009   6235   4795   GGGGCCU C CUCCCUCA   8631   UGAGGGGA CUGAUGAG   GCCGULAGGC   GAA ACGCCAUAC   27008   6237   4795   GGGCCCU C CUCCCUCA   8631   GAUGAGGA   CUGAUGAG   GCCGULAGGC   GAA ACGGCCGC   27009   6237   4795   GGGCCUU C C GUCUAUC   8634   GAUGAGGA   CUGAUGAG   GCCGULAGGC   GAA AGGGCCG   27010   6242   4788   UCUCCGCU C AUCANAGC   8635   GCUUUGAU   CUGAUGAG   GCCGULAGGC   GAA AGGCGGC   27011   6245   4785   CCGCUCAU   CAAAGGGG   8636   GCCGCUUU   CUGAUGAG   GCCGULAGGC   CGAA AGGCGGCU   27012   6245   4775   AGCGGGC   CUUUUGUU   8637   AACAAAAG   CUGAUGAG   GCCGULAGGC   GAA AGCGCGCU   27013   6255   4772   GGCUCCU U UUGUUGAU   8638   UACAACAA   CUGAUGAG   GCCGULAGGC   GAA AGCAGCCC   27014   6259   4771   GGCUCCUU U U GUUUGAU   8639   AUCAACAA   CUGAUGAG   GCCGULAGGC   GAA AAGGAGC   27016   6259   4771   GGCUCCUU U U GUUGUAU   8639   AUCAACAA   CUGAUGAG   GCCGULAGGC   GAA AGGAGCCC   27016   6263   4767   GCCUUUGUAU   8639   AUCAACAA   CUGAUGAG   GCCGULAGGC   GAA AAGGAGC   27016   6263   4767   CCUUUUGU   U GUUGUAU   8639   AUCAACAA   CUGAUGAG   GCCGULAGGC   GAA AAGGAGC   27016   6266   4764   UUUGUUGU   AUGACCAA   6641   UUGGCAUA   CUGAUGAG   GCCGULAGGC   GAA ACAAAAG   27017   6266   4764   UUUGUUGU   AUGACCAA   6642   CUUUGGC   CUGAUGAG   GCCGULAGGC   CGAA AAGGAGC   27016   6266   4764   UUUGUUGU   AUGACCAA   6641   UUGAUGAG   GCCGULAGGC   CGAA   ACAAAAGG   27017   6266   4764   UUUGUUGU   AUGACCAA   6642   CUUUGGC   CUGAUGAG   GCCGULAGGC   CGAA   ACAAAAGG   27021   6292   4738   AACAACCU   CAACCAUC   8643   GAUGAGGA   CUGAUGAG   GCCGULAGGC   CGAA   AAGGGGCG   27020   6292   4738   AACAACCU   CAACCAUC   8643   CAGGGCGG   CGAA   CAGGGGGC   CGAA   AAGGGGGG   27021   6315   4715   CUCCGGCU   UUUGUAA   6659   GAGGGGGG				<del></del>				<del></del>
February								
6223   4897   GUAUGGGU C CAGGCGGC   8632   GCCGCCUG CUGAUGAG GCCGUUAGGC CGAA ACCCAUAC   27008   6235   4795   GCGCCCUC C CUCCAUC   8634   GUAGGGG CUGAUGAGG CUGAUGAGG CGAA AGGGCGC   27009   6237   4793   GGCCCUCU C CUCCAUC   8634   GAUGGGG CUGAUGAGG CUGAUGAGG CGAA AGGGCGC   27010   6242   4788   UCUCCGCU C ALCAAAGG   8635   GCUUUGAU CUGAUGAG CCGUUAGGC CGAA AGGGCGC   27010   6245   4785   CCGCUCAU C AAAGCGGC   8635   GCCCUUU CUGAUGAG   GCCGUUAGGC CGAA AGGGCGA   27011   6245   4785   CCGCUCAU C AAAGCGGC   8635   GCCCUUU CUGAUGAG   GCCGUUAGGC CGAA AGCGCGCU   27013   6255   4775   AAAGCGCCU C CUUUUGUU   8637   AACAAAAG CUGAUGAG   GCCGUUAGGC CGAA AGCCGCCU   27013   6258   4772   CGGCUCCU U UGUUUGUU   8638   UACAACAA CUGAUGAG   GCCGUUAGGC CGAA AGCCGCCU   27013   6258   4771   GCUCCUU U UGUUGUA   8638   UACAACAA CUGAUGAG   GCCGUUAGGC CGAA AAGCAGC   27014   6259   4771   GCUCCUU U UGUUGUAG   8639   AUACAACA CUGAUGAG   GCCGUUAGGC CGAA AAAGGACC   27016   6260   4767   GCUCCUUU U UGUUGUAG   8641   UGGCAUAC   CUGAUGAG   GCCGUUAGGC CGAA AAAGGAC   27016   6266   4764   UUUGUUGUA   8649   AUACAACA   CUGAUGAG   GCCGUUAGGC CGAA AAAGGAC   27016   6266   4764   UUUGUUGUA   CGCAAA   6842   CUUCUGAC   CUGAUGAG   GCCGUUAGGC CGAA ACAAAAGG   27016   6261   4764   UUUGUUGU A ACCAUCCA   8641   UGAGCAUC   CUGAUGAG   GCCGUUAGGC CGAA ACAAAAGG   27016   6299   4731   UCAACCAU   CAACCAUCA   8644   UGAUGGCU   CUGAUGAG   GCCGUUAGGC CGAA ACACAAA   27016   6299   4731   UCAACCAU   CAACCAUCA   8644   UGAUGGUU   CUGAUGAG   GCCGUUAGGC   CGAA AGGGGC   27022   6315   4715   CUCCUGCU   GAUCACA   8644   UCAAGCAC   CUGAUGAG   GCCGUUAGGC   CGAA AGGGGGC   27024   6315   4715   CUCCUGCU   GAUCACA   8649   UCAAGCAC   CUGAUGAG   GCCGUUAGGC   CGAA AGCGGGC   27024   6314   4689   CCCCCCC   GAUCACAC   8651   CAGCCGC   GA64   CCCCCC   GAA AGCGGCG   CAGCCAC   CAGCCAC   6646   GUCCUCC   GAACACCAC   6647   AGCCCCC   GAACACCAC   6648   CCCCCCC   GAACACCAC   6651   CCCCCCC   UUUGGAC   CCGAACACCAC   CCCCCCC   GAACACCACAC   CCCCCCC   GAACACCACAC   CCCCCCC   UUUGGAC						<del></del>		
6235   4795   GGGGCCU C UCCGUUCA   8634   GAUGAGGA CUGAUGAG GCCGUUAGGC CGAA AGGGGCC   27009   6237   4793   GGCCCUCU C CGCUCAUC   8634   GAUGAGGG CUGAUGAG GCCGUUAGGC CGAA AGGGGGC   27010   6242   4788   UCUCCGCU C AUCAAAGC   8635   GCUUUGAU CUGAUGAG GCCGUUAGGC CGAA AGCGGAGA   27011   6245   4785   CCGCUCAU C AAAGCGGC   8636   GCCGCUUU CUGAUGAG GCCGUUAGGC CGAA AGCGGAGA   27012   6255   4775   AAGCGGCU C CUUUUGUU   8637   AACAAAA CUGAUGAG GCCGUUAGGC CGAA AGCGGCU   27013   6258   4772   CGGCUCCU U UUGUUGUA   8638   UACAACAC CUGAUGAG GCCGUUAGGC CGAA AGCGCGCU   27013   6259   4771   GGCUCCUU U UUGUUGUA   8639   AUCAACAC CUGAUGAG GCCGUUAGGC CGAA AGGAGCC   27014   6259   4770   GCCCCUUU U UUGUUGUA   8639   AUCAACAC CUGAUGAG GCCGUUAGGC CGAA AGGAGCC   27016   6260   4770   GCCCCUUU U UGUUGUAU   8639   AUCAAAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGCC   27016   6263   4767   CCUUUUGU U GUAUGAC   8641   UGGCAUAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGCC   27016   6266   4764   UUUGUUGU A DGCCAAAG   8642   CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAAAAGG   27016   6261   4739   AAACACCU C AACCAUC   8643   GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAGG   27016   6299   4731   UCAACCAU C AACCAUC   8644   UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGGGUUU   27019   6299   4731   UCAACCAU C AACCAUC   8644   UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AAGGGUUU   27019   6299   4731   UCAACCAU C AACCAUC   8644   UCAAGCGG CUGAUGAG GCCGUUAGGC CGAA AAGGGUUU   27020   6299   4731   UCAACCAU C AACCAUC   8645   GCGGGCU CUGAUGAG GCCGUUAGGC CGAA AAGGUUU   27020   6291   4715   CUCCUGCU C UGUUGA   8645   UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AAGGUUGU   27021   6315   4715   CUCCUGCU C UGUUGA   8647   CAGUUAGG GCCGUUAGGC CGAA AGCAGGAG   27022   6315   4768   AUCCUCU C UGAUGAC   6364   UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AACAGAC   27026   6352   4665   CCGCUUAGGC CUGAUGAC   6364   CCGCGGUU CUGAUGAG GCCGUUAGGC CGAA AACAGAC   27026   6352   4665   CCGCUUAGGC CGGGGGGGGGGGGGGGGGGGGGGGGGGG								
6237   4793   GGCCCUCU C CGCUCANCC   8634   GAUGAGGG CUGAUAGG   GCCGUUAGGC   CGAA AGAGGGCC   27010   6242   4788   UCUCCCGCU C AUCAAAGC   8635   GCUUUGAU CUGAUGAG   GCCGUUAGGC   GGAA AGAGGGCC   27010   6245   4785   CCGCCUCU C AUCAAAGCA   8636   GCCGCUUA C CAUGAUGAG   GCCGUUAGGC   GGAA AGAGGGCC   27012   6255   4775   AAGAGGC C CUUUUGUU   8637   AACAAAAG CUGAUGAG   GCCGUUAGGC   GGAA AGAGGGCC   27013   6258   47772   CGGCUCCU U UUGUUGUA   8638   UACAAACAA CUGAUGAG   GCCGUUAGGC   GGAA AGAGGCCC   27015   6259   4771   GGCUCCUU U UGUUUGUA   8639   AUACAACA CUGAUGAG   GCCGUUAGGC   GGAA AAAGGAGCC   27015   6260   4770   GCUCCUUU U GUUUGUA   8639   AUACAACA CUGAUGAG   GCCGUUAGGC   GGAA AAAGGAGC   27016   6263   4767   CCUUUUGU U GUUUGCA   8641   UGGCAUAC   CUGAUGAG   GCCGUUAGGC   GGAA AAAGGAGC   27016   6263   4767   CCUUUUGU U GUUUGCA   8641   UGGCAUAC   CUGAUGAG   GCCGUUAGGC   GGAA ACAAAAGG   27017   6266   4764   UUUGUUGU A UGCCAAAG   8642   CUUUUGGCA   CUGAUGAG   GCCGUUAGGC   GGAA ACAACAAA   27018   6291   4739   AAACACCU   CAACCAUC   8643   GAUGGUUG   CUGAUGAG   GCCGUUAGGC   GGAA ACACAAA   27018   6292   4738   AACACCU   CAACCAUC   8644   UGAUGGU   CUGAUGAG   GCCGUUAGGC   GGAA AGGUGUU   27019   6299   4731   UCAACCAU   CACCAUCA   8644   UGAUGGU   CUGAUGAG   GCCGUUAGGC   GGAA AGGUGUU   27019   6299   4731   UCAACCAU   CACCCUC   8645   GCGGGCGU   CUGAUGAG   GCCGUUAGGC   GGAA AGGUGUU   27020   6399   4731   UCCACCAU   CACCCUC   8644   UGAUGGU   CUGAUGAG   GCCGUUAGGC   GGAA AGGGGGC   27022   6315   4715   CUCCUGGU   GAUAACUG   8647   CACGUACA   GCCGUUAGGC   GGAA ACCACCG   CACGAGGU   CAGGUAGA   GCCGUUAGGC   GGAA ACCACCG   CAGGAGGC   CAGGAGGCG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGG   CAGGAGGGG   CAGGAGGGG   CAGGAGGG   CAGGAGGG   CAGGAGGGG   CAGGAGGG   CAGGAGGG   CAGGAGGGG   CAGGAGG							<del></del>	
6242   4788								<del></del>
6245 4785 CCGCUCAU C AAAGCGGC 8636 GCCGCUUU CUGAUGAG GCCGUUAGGC CGAA AUGAGCGG 27012 6255 4772 CAGCUCCU U UUGUUGUU 8637 AACAAAAG CUGAUGAG GCCGUUAGGC CGAA AUGAGCGG 27014 6259 4771 GGCUCCUU U UUGUUGUAU 8638 AUACAACAA CUGAUGAG GCCGUUAGGC CGAA AGCAGCCGCUU 27013 6258 4771 GGCUCCUU U UUGUUGUAU 8639 AUACAACAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGC 27014 6259 4771 GCUCCUUU U GUUUGUAU 8639 AUACAACAA CUGAUGAG GCCGUUAGGC CGAA AAGGAGC 27016 6260 4770 GCUCCUUU U GUUUGUAU 8640 CAUACAAC CUGAUGAG GCCGUUAGGC CGAA AAGGAGC 27016 6263 4767 CCUUUUGU U GUUAGACAA 8641 UAGGAAACA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGC 27016 6264 4764 UUUGUUGU A UGCCAAAG 8642 CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAACAAA 27018 6291 4739 AAACACCU U CAACCAUCA 8643 GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA ACAACAAA 27018 6292 4738 AACACCUU C AACCAUCA 8644 GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA ACAGCAUCA 8644 UAGAUGGUU CUGAUGAG GCCGUUAGGC CGAA ACAGCAUCA 8644 UACAAGCAU CUGAUGAG GCCGUUAGGC CGAA ACAGCAUCA 8644 UACAAGCAU CUGAUGAG GCCGUUAGGC CGAA AAGGUUGUU 27019 6309 4721 CGCCCGCU C CUCCUUGA 8646 UCAAGCAGC CUGAUGAG GCCGUUAGGC CGAA AAGGUUGU 27020 6315 4715 CUCCUGCU U GAUAACUG 8647 CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AAGGAGGA 27021 6315 4715 CUCCUGCU U GAUAACUG 8647 CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AGCACACA 27024 6341 4689 CCACCAGGU C AUGAUCCG 8648 UCCGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCACCG 27024 6347 4663 GUCAUGAU A ACUGCCGG 8651 CCCGUUAGG CGAA ACCACCG 27024 63547 4663 GUCAUGAU A CUGAUGAC 8650 GUCUACAG CUGAUGAG GCCGUUAGGC CGAA ACCACCG 27026 6355 4665 CCGGUGGU C GUGUUCCC 8651 CGCGUUAGGC CGAA AUCAUGAC 27026 63570 4660 GGUCGUU A GACGCCCG 8651 CCCCCUUU 8653 AAAAGGGG CCGGUUAGGC CGAA AUCAUGAC 27026 6370 4660 GGUCGUU A GACGCCCG 8651 CCCGUUAGGC CGAA ACCACCG 27029 6376 4654 GAUCCCCU U UUUGAUCC 8655 GGCGGAAC CUGAUGAG GCCGUUAGGC CGAA ACACCAC 27029 6376 4654 GAUCCCCU U UUUGAUCC 8655 GAGGACAC CUGAUGAG GCCGUUAGGC CGAA ACACCAC 27029 6376 4654 GAUCCCCU U UUGAUCCC 8655 GAGGAGAC CUGAUGAG GCCGUUAGGC CGAA ACACACAC 27029 6376 4654 GAUCCCCU U UUGAUCCC 8655 GAGGAGAC CUGAUGAG GCCGUUAGGC CGAA ACACACAC 27030 6377 4653								<del></del>
6255 4775 AAGCGGCU C CUUUUGUU 8637 AACAAAAG CUGAUGAG GCCGUUAGGC CGAA AGCCGCUU 27013 6258 4772 CGGCCCCU U UUGUUGUA 8638 UACAACAA CUGAUGAG GCCGUUAGGC CGAA AGCAGACCG 27014 6259 4771 GGCUCCUU U GUUUGUAU 8639 AACAAAC CUGAUGAG GCCGUUAGGC CGAA AGGAGCCG 27015 6260 4770 GCUCCUUU U GUUUGUAUG 8640 CAUACAAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGCG 27016 6263 4767 CCUUUUGU U GUUGUAUG 8641 UGGCAAAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGC 27016 6263 4767 CCUUUUGUU U GUAUGCCA 8641 UGGCAUAC CUGAUGAG GCCGUUAGGC CGAA AAAAAGG 27017 6266 4764 UUUGUUGUA U GUCCAAAG 8642 CUUUGGCC CUGAUGAG GCCGUUAGGC CGAA ACAAAAAA 27018 6291 4739 AAACACCU U CAACCAUC 8643 GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAA 27018 6292 4738 AACACCUU C AACCAUCA 8644 UGAUGAGU CUGAUGAG GCCGUUAGGC CGAA ACAGCAUCA 6299 4731 UCAACCAU C AACCAUCA 8644 UGAUGAGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUU 27020 6299 4731 UCAACCAU C ACCCCGCC 8645 GCGGGCGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUU 27020 6315 4715 CUCCUGCU C ACCCCGCC 8645 GCGGGCGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUU 27021 6319 4711 UGCUUGAU A ACUGCCGA 8648 UCCGAACGA CUGAUGAG GCCGUUAGGC CGAA AGCAGGAC 27023 6319 4711 UGCUUGAU A ACUGCCGA 8648 UCCGAACGA CUGAUGAG GCCGUUAGGC CGAA AGCAGGAC 27023 6314 4689 CCACGAGU C AUGACCAU 8644 CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 27023 6344 4689 CCACGAGU C AUGACCAG 8654 DAGGAGCU CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 27024 6341 4689 CCACGAGU C AUGACCAG 8654 DAGGAGCU CUGAUGAG GCCGUUAGGC CGAA ACCAGCAC 27024 6341 4689 CCACGAGU C AUGACCAG 8654 DAGGAGCA CUGAUGAG GCCGUUAGGC CGAA ACCAGCAC 27026 6352 4678 GAUCCUU A GACGCCGG 8651 CCGGGGGU CUGAUGAG GCCGUUAGGC CGAA ACCAGCC 27027 6354 4655 CCGGGUGU C GUGUCACC 8653 AACAGAG CCGGUUAGGC CGAA ACCACC 27027 6355 4665 CCGGUUAG AGCCCGG 8651 CCGGGGGU CUGAUGAG GCCGUUAGGC CGAA ACCACC 27029 6370 4660 GGUCGCCU U UUUGUACCU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACCACC 27029 6371 4653 UCCCCCUU U UGUACCC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA ACCACAC 27029 6378 4654 GUCCCCCU U UUUGUACCU 8653 AAAAGAGGG CUGAUGAG GCCGUUAGGC CGAA AAGAGGA 27031 6373 4654 GUCCCCCU U UUGUACCC 8655 AAAAGAGGG CUGAUGAG	<u> </u>							
6258   4772   CGGCUCCU U UUGUUGUA   8638   UACAACAA CUGAUGAG GCCGUUAGGC CGAA AGGAGCCG   27014   6259   4771   GGCUCCUU U UGUUGUAU   8639   AUACAACA CUGAUGAG GCCGUUAGGC CGAA AAGGAGCC   27016   6263   4767   GCUCCUUU U GUUGUAUG   8640   CAUACACA CUGAUGAG GCCGUUAGGC CGAA AAGGAGCC   27016   6263   4767   CCUUUUGU U GUUGUAUG   8640   CAUACACA CUGAUGAG GCCGUUAGGC CGAA AAGAAGG   27017   6266   4764   UUUGUUGU U GUAUGAG   8641   UGGCAUAC CUGAUGAG GCCGUUAGGC CGAA ACACAAA   27018   6291   4739   AAACACCU U CAACCAUC   8643   GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA ACACAAA   27018   6292   4738   AACACCU U CAACCAUC   8644   UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AGGUGUU   27029   6299   4731   UCAACCAU C AGCCCUC   8645   GCGGGGGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUU   27020   6309   4721   CGCCCGCU G GAACACAA   8644   UCAACGAC CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU   27021   6315   4715   CUCCUGGU U GAUGAG   8646   UCAACCAC CUGAUGAG GCCGUUAGGC CGAA ACCACGAG   27023   6319   4711   UGCUUGAU A ACUGCCGA   8648   UCGAGCAG CUGAUGAG GCCGUUAGGC CGAA ACCACGAG   27023   6314   4669   CCACGAGAC   CAGAUCCU   8649   AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCACGGA   27024   6341   4669   CCACGAGAC   CAGAUCCU   8649   AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACCACGGA   27024   6341   4669   CCACGAGGU CUGAUGAG   6345   AGGAGGAC   CAGAUGAG   COGAUGAG   CCAGAUGAG   CCAGAUGAG   27026   6346   4654   GUCACCGU   AUGAUCCU   8651   CCGGCGU CUGAUGAG   CCGGUUAGGC CGAA ACCACGAC   27026   6352   4678   GAUCCUGU   A GACCCCG   8651   CCGGCGGC CUGAUGAG   CCGGUUAGGC CGAA ACCACGAC   27026   6352   4678   GAUCCUGU   A GACCCCG   8651   CCGGCGGC CUGAUGAG   CCGGUUAGGC CGAA ACCACGAC   27027   6354   4655   CCGCGUU   A GACCCCG   8651   CCGGCGG CUGAUGAG   CCGGUUAGGC CGAA ACCACGAC   27028   6376   4654   GUCCCCCU   UUUGUACC   8657   GAGUACAA CUGAUGAG   CCGGUUAGGC CGAA ACACGAC   27028   6376   4654   GUCCCCU   UUUGUACU   8657   AGGUACA CUGAUGAG   CCGUUAGGC CGAA ACACGAC   27030   6376   4654   GUCCCCCU   UUUGUACU   8657   AGGUACAA CUGAUGAG   CCGUUAGGC CGAA ACACACA   27031   6388   4645   UUUG	<u> </u>							
6259   4771   GGCUCCUU U UGUUGUAU   8639   AUACAACA CUGAUGAG GCGUUAGGC CGAA AAGGAGC   27015   6260   4770   GCUCCUUU U GUUGUAUG   8640   CAUACAAC CUGAUGAG GCGUUAGGC CGAA AAAGGAGC   27016   6261   4767   CCUUUUGU U GUAUGCCA   8641   UGGCAUAC CUGAUGAG GCGGUUAGGC CGAA ACAAAAG   27017   6266   4764   UUUGUUGU A UGCCAAAG   8642   CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAACAAA   27018   6291   4739   AAACACCU U CAACCAUC   8643   GAUGGUUC CUGAUGAG GCCGUUAGGC CGAA ACAACAAA   27019   6292   4738   AACACCUU C AACCAUCA   8644   UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AAGGUUUU   27020   6299   4731   UCAACCAU C AACCAUCA   8644   UGAUGGUU CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU   27020   6309   4721   UCAACCAU C AACCAUCA   8645   GCGGGCGU CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU   27021   6309   4721   UGACCAU C CACCAUCA   8646   UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU   27021   6315   4715   CUCCUGCU U GAUAACUG   8646   UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AAGGGGGG   27022   6315   4711   UGCUUGAU A ACUGCCGA   8648   UCGGCAGU CUGAUGAG GCCGUUAGGC CGAA ACGAGGAG   27024   6341   4689   CCACGAGAU C AUGAUCAG   8648   UCGGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC   27024   6341   4689   CCACGAGAU C AUGAUCAU   8649   AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA   27024   6341   4683   GUCAUGAU C AUGAACCA   8649   AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA   27024   6352   4678   GAUCCUGU A GACGCCGG   8651   GCCGGUACAG GCCGUUAGGC CGAA AUCAAGCA   27025   6365   4665   CCCGGUUGU C CUGUAGAC   8652   GGGGACA CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA   27026   6370   4660   GGUCGUCU U UUUGUACU   8653   AAAAGGG CUGAUGAG GCCGUUAGGC CGAA ACCACCC   27028   6371   4653   UCCCCCUU U UUUGUACU   8655   GAGUACAA CUGAUGAG GCCGUUAGGC CGAA ACCACCC   27030   6377   4653   UCCCCCUU U UUGUACUC   8655   GAGUACAA CUGAUGAG GCCGUUAGGC CGAA ACACACAC   27030   6378   4652   CCCCUUUU U UUGUACUC   8655   GAGUACAA CUGAUGAG GCCGUUAGGC CGAA ACACACAC   27031   6378   4651   UCCCCCUU U UUGUACAC GCGGAG GCCGUUAGGC CGAA ACACACAC   27031   6379   4661   UCCCCCUU U UUGUACAC GCGGAG GCCGUUAGGC CGAA ACAC								
6260         4770         GCUCCUUU U GUUGUUG         8640         CAUACAAC CUGAUGAG GCCGUUAGGC CGAA AAAGGAGC 27016           6263         4767         CCUUUUGU U GUAUGCCA         8641         UGGCAUAC CUGAUGAG GCCGUUAGGC CGAA ACAAAAGG 27017           6266         4764         UUUGUUGU A UGCCAAAG         8642         CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAACAAA 27018           6291         4739         AAACACCU C CACCAUCA 8644         GAUGGUG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU 27019           6292         4731         UCAACCAU C ACCCUCA 8644         UGAUGGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU 27020           6299         4731         UCAACCAU C ACCCCCG 8645         GGGGGCGU CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU 27020           6309         4721         CGCCGGCU C CUGCUUGA 8646         UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AGCAGGAC 27022           6315         4715         CUCCUGCU U GAUACAG B646         UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AGCAGGAC 27023           6319         4711         UGCUGAGU C AUGAUCCU 8649         AGGUCCU CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 27025           6347         4689         CCACGAGU C CUGAUGAC CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 27026           6352         4678         GUCAUGAG C CUGAUGAG GCCGUUAGGC CGAA ACCAGGAC 27026           6370         4665         CCGGUGUC C CCCCUUUU GACCA CGAGACA CUGAUGAG GCCGUUAGGC CGAA ACCACGG 27026           6370								27014
6263         4767         CCUUUUUU U GUAUGCCA         8641         UGGCANAC CUGAUGG GCCGUUAGGC CGAA ACAAAAGG 27017           6266         4764         UUUGUUGU A UGCCAAAG         8642         CUUUGGCA CUGAUGAG GCCGUUAGGC CGAA ACAACAAA 27018           6291         4739         AAACACCU C CAACCAUC         8643         GAUGGUG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU 27020           6292         4738         AACACCUU C AACCAUCA 8644         UGAUGAG GCGGUUAGGC CGAA AGGUGUU 27020           6299         4731         UCAACCAU C ACGCCGC 8645         GCGGGCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUGA 27021           6309         4721         CGCCGCU C CUGCUUGA 8646         UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AUGGUGA 27023           6315         4715         CUCCUGCU U GAUAACUG 8647         CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AUCAGGAG 27023           6319         4711         UGCUGGAU A ACUGCCGA 8648         UCGAGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCAGGA 27023           6319         4711         UGCUUGAGA C AUGAUCCU 8649         AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAGGA 27023           6341         4689         CCACGAGU C CUGAUGAG C GAA AUCAGGA C CUGAUGAG GCCGUUAGGC CGAA AUCAGGA 27023           6342         46678         GAUCCUGU A GACCCCGG 8651         CCGGCGUUC CUGAUGAG GCCGUUAGGC CGAA ACACGAC 27027           6352         46678         GAUCCAGA C CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27029	6259			8639	<del>_</del>			<del></del>
6266         4764         UUUGUUGU A UGCCAAAG         8642         CUUUGGCA CUGAUGAG         GCCGUUAGGC         CGAA ACACAAA         27018           6291         4739         AAACACCU U CAACCAUCA         8643         GAUGGUU CUGAUGAG         GCCGUUAGGC         CGAA AGGUGUU         27020           6292         4738         AACACCUU C AACCAUCA         8644         UGAUGGU         CUGAUGAG         GCCGUUAGGC         CGAA AGGUGUU         27020           6399         4731         UCAACCAU C ACGCCCGC         8645         GCGGGCGU         CUGAUGAG         CCGUUAGGC         CGAA AUGGUGUA         27021           6319         4721         CGCCCGCU         C CUGCUUGA         8646         UCAGCGG         CUGAUGAG         CCGUUAGGC         CGAA AGCAGGG         27022           6315         4715         CUCCUGCU         UGAUGAC         8647         CAGUUAGG         CGCGUUAGGC         CGAA AUCAGCA         27023           6341         4689         CCACGAGU         C AUGACCU         8649         AGGAUCAU         CUGAUGAG         CCGUUAGGC         CGAA ACCACCG         27026           6352         46678         GAUCCUGU         AGCCCCCG         8651         CGGGGGU         CUGAUGAG         CCGUUAGGC         CGAA ACCACCC         27029 <tr< td=""><td>6260</td><td>4770</td><td>GCUCCUUU U GUUGUAUG</td><td>8640</td><td>CAUACAAC CUGAUGAG GO</td><td>CCGUUAGGC C</td><td>GAA AAAGGAGC</td><td>27016</td></tr<>	6260	4770	GCUCCUUU U GUUGUAUG	8640	CAUACAAC CUGAUGAG GO	CCGUUAGGC C	GAA AAAGGAGC	27016
6291         4739         AAACACCU U CAACCAUC         8643         GAUGGUUG CUGAUGAG GCCGUUAGGC CGAA AGGUGUUU         27019           6292         4738         AACACCUU C AACCAUCA         8644         UGAUGAU CUGAUGAG GCCGUUAGGC CGAA AAGGUGUU         27020           6299         4731         UCAACCAU C ACGCCGC         8645         GCGGGGCGU CUGAUGAG GCCGUUAGGC CGAA AUGGUUGA         27021           6309         4721         CGCCCGCU C CUGCUUGA         8646         UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AGCAGGAG 27022           6315         4715         CUCCUGCU U GAUAACUG         8647         CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27024           6319         4711         UGCUUGAU A ACUGCCGA 8648         NGABUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27024           6341         4689         CACCAGAGU C AUGAUCCU 8649         AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAUGAG 27025           6347         4663         GUCUACAG CUGAUGAG GCCGUUAGGC CGAA AUCACACC 27026           6352         4678         GAUCCUGU A GACCCCCG 8651         CCGGGGGC CUGAUGAG GCCGUUAGGC CGAA ACCACCC 27029           6365         4665         CGGUGGUU C CCCCUUU U 8653         AAAAGGG CUGAUGAG GCCGUUAGGC CGAA ACCACACC 27029           6376         4654         GUCCCCCU U UUGUACCC 8654         AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGAC 27030           6377         4653         UCCCC	6263	4767	CCUUUUGU U GUAUGCCA	8641				27017
6292         4738         AACACCUU C AACCAUCA         8644         UGAUGGUU CUGAUGAG         CCGUUAGGC         CGAA AAGGUGUU         27020           6299         4731         UCAACCAU C ACGCCGC         8645         GCGGGGGU CUGAUGAG         GCGUUAGGC         CGAA AUGGUUGA         27021           6309         4721         CGCCCGCU C CUGCUUGA         8646         UCAAGCAG CUGAUGAG         GCGUUAGGC         CGAA AGCGGCG         27022           6315         4715         CUCCUGCU U GAUAACUG         8647         CAGUUAUC CUGAUGAG         GCCGUUAGGC         CGAA ACCAGCAG         27024           6315         4711         UGCUGAU A ACUCCCGA         8648         UCGGCAGU CUGAUGAG         GCGGUUAGGC         CGAA AUCAACCA         27024           6341         4689         CCACGAGU C AUGAUCCU         8649         AGGAUCAU CUGAUGAG         GCGGUUAGGC         CGAA ACUCGUGG         27025           6352         4678         GUCUCGU A CACCCGG         8651         CUGUAGAG         GCCGUUAGGC         CGAA ACCACCAC         27026           6370         4660         GGUCGUU C CCCCUUU         8652         GGGGACAC CUGAUGAG         GCGUUAGGC         CGAA ACCACACC         27029           6376         4654         GUCCCCCU U UUUGUACUC         8653         AAAAGGGG         C	6266	4764	UUUGUUGU A UGCCAAAG	8642	CUUUGGCA CUGAUGAG G	CCGUUAGGC C	GAA ACAACAAA	27018
6299   4731	6291	4739	AAACACCU U CAACCAUC	8643	GAUGGUUG CUGAUGAG GO	CCGUUAGGC C	GAA AGGUGUUU	27019
6309 4721 CGCCCGCU C CUGCUUGA 8646 UCAAGCAG CUGAUGAG GCCGUUAGGC CGAA AGCGGGCG 27022 6315 4715 CUCCUGCU U GAUAACUG 8647 CAGUUAUC CUGAUGAG GCCGUUAGGC CGAA AGCAGGAG 27023 6319 4711 UGCUUGAU A ACUGCCGA 8648 UCAGCAGU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27024 6341 4689 CCACGAGU C AUGAUCCU 8649 AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27025 6347 4683 GUCAUGAU C CUGUAGAC 8650 GCUCACAG CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27025 6352 4678 GAUCCUGU A GACGCCGG 8651 CCGGCGUC CUGAUGAG GCCGUUAGGC CGAA AUCAAGCA 27027 6365 4665 CCGGUGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACCACCGG 27028 6370 4660 GGUCGUUC C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACCACCGG 27029 6376 4654 GUCCCCCU U UUUGUACUC 8655 AAUACAAAA CUGAUGAG GCCGUUAGGC CGAA ACACCACCG 27029 6376 4653 UCCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AACACGACC 27029 6378 4652 CCCCCUUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGA 27031 6378 4652 CCCCCUUU U UGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCCUUU U UGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6382 4648 CUUUUUGU A CUCCUUUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGGG 27032 6388 4645 UUUGUACUC 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGGG 27034 6388 4645 UUUGUACU C CUUUGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGGG 27036 6389 4641 UUUGUACU C CUUUGGU 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAAAA 27035 6389 4641 UUUGUACU C CUUUGGU 8669 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAAAA 27035 6389 4641 UACUCCUU U GGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AAAAAAA 27036 6389 4641 UACUCCUU U GGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AAAAAAA 27036 6389 4641 UACUCCUU U GGUGAGG 8661 CCCCCACAC CUGAUGAG GCCGUUAGGC CGAA AGGAGGA 27036 6389 4641 UACUCCUU U GGUGAGG 8661 CCCCCCACAC CUGAUGAG GCCGUUAGGC CGAA AGGAGGA 27036 6389 4641 UACUCCUU U UGUACUC 8663 AAAGGAGG CCGUUAGGC CGAA AGGAGGA 27036 6389 4641 UACUCCUU U GGUGAGG 8661 CCCCCCACACA GCCGUUAGGC CGAA AGGAGGA 27046 6420 4610 CCCCCCCUU U UUUGUACUC 8663 AAAGGAGG CCGUUAGGC CGAA AGA	6292	4738	AACACCUU C AACCAUCA	8644	UGAUGGUU CUGAUGAG G	CCGUUAGGC C	GAA AAGGUGUU	27020
6315         4715         CUCCUGCU U GAUAACUG         8647         CAGUUAUC CUGAUGAG         GCCGUUAGGC         CGAA AGCAGGAG         27023           6319         4711         UGCUUGAU A ACUGCCGA         8648         UCGGCAGU CUGAUGAG         CGAA AUCAAGCA         27024           6341         4689         CCACGAGU C AUGAUCCU         8649         AGGAUCAU CUGAUGAG         CCGAA ACUCGUG         27025           6347         4683         GUCAUGAU C CUGUAGAC         8650         GUCUACAG CUGAUGAG         CGAA AUCAUGAC         27026           6352         4678         GAUCCUGU A GACGCCGG         8651         CCGGGUCC CUGAUGAG         CGAA ACCACCGG         27027           6365         4665         CCGGUGGU C GUGUCCC         8652         GGGGACAC CUGAUGAG         GCGUUAGGC         CGAA ACCACCGG         27029           6376         4660         GGUCGCU U UUUGUACU         8653         AAAAGGGG CUGAUGAG         CCGCUUAGGC         CGAA ACAGGAC         27030           6377         4653         UCCCCCUU U UUGUACUC         8655         GAGUACAA CUGAUGAG         GCCGUUAGGC         CGAA AAAGGGG         27031           6378         4651         CCCCUUU U UUGUACUC         8656         GAGAGUACA CUGAUGAG         GCCGUUAGGC         CGAA AAAAGGGG         27032	6299	4731	UCAACCAU C ACGCCCGC	8645	GCGGGCGU CUGAUGAG GC	CCGUUAGGC C	GAA AUGGUUGA	27021
6319         4711         UGCUUGAU A ACUGCCGA         8648         UCGGCAGU CUGAUGAG         GCGUUAGG         CGAA AUCAAGCA         27024           6341         4689         CCACGAGU C AUGAUCCU         8649         AGGAUCAU CUGAUGAG         GCGUUAGG         CGAA ACUCGUG         27025           6347         4683         GUCAUGAU C CUGUAGAC         8650         GUCUACAG CUGAUGAG         GCGUUAGGC         CGAA ACCAGGAU         27026           6352         4678         GAUCCUGU A GACGCCG         8651         CCGGCGU CUGAUGAG         CGAA ACCACCG         27028           6365         4665         CCGGUGGU C GUGUCCCC         8652         GGGGACC CUGAUGAG         CGAA ACCACCG         27029           6370         4660         GGUCCCCU U UUUGUACU         8654         AGUACAAA CUGAUGAG         GCCGUUAGGC         CGAA ACAGGAC         27029           6377         4653         UCCCCCUU U UUGUACUC         8655         GAGUACAA CUGAUGAG         GCCGUUAGGC         CGAA AAAGGGGA         27030           6378         4651         CCCCCUUU U UGUACUCC         8655         GAGUACAA CUGAUGAG         GCCGUUAGGC         CGAA AAAGGGG         27031           6378         4652         CCCCCUUU U UGUACUCCU         8656         GAGAUACA         CUGAUGAG         CCGUUAGGC         <	6309	4721	CGCCCGCU C CUGCUUGA	8646	UCAAGCAG CUGAUGAG GO	CCGUUAGGC C	GAA AGCGGGCG	27022
6341 4689 CCACGAGU C AUGAUCCU 8649 AGGAUCAU CUGAUGAG GCCGUUAGGC CGAA ACUCGUGG 27025 6347 4683 GUCAUGAU C CUGUAGAC 8650 GUCUACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGAC 27026 6352 4678 GAUCCUGU A GACGCCGG 8651 CCGGGGUC CUGAUGAG GCCGUUAGGC CGAA ACAGGAUC 27027 6365 4665 CCGGUGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27028 6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27029 6376 4654 GUCCCCCU U UUUGUACU 8654 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27039 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27030 6378 4652 CCCCCUUU U UGUACUCC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27031 6378 4651 CCCCCUUU U UGUACUCC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCCUUU U UGUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27034 6382 4648 CUUUUUGU A CUCCUUUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACCUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6417 4613 ACACGCCU C CUCUUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGGGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUA 27037 6404 4610 CGCCUCCU C UCUUUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGC 27040 6424 4606 CCCCCCUCU U UGUGUG 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGGAGGC 27040 6424 4606 CCCCCCUCU U UGUGUG 8667 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGG 27040 6424 4606 CCCCUCUU U UGUGAAG GCCCUCUCU U UGUGAAG CCCCUCUCU C CUUUGAGG CCAAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGG 27040 6424 4606 CCCCCUCUU U UGUGAAG GCCCUCUCU C UCUUGAGGC CGAA AGAGAGGAG 27040 6425 4608 CCCCCUCUU U UGUGAAGA GCCCCUCAA CCCAAAGA CCCAAAGA CCCAAAGA CCCAAAGA CCCAAAGA CCCAAAGA CCCA	6315	4715	CUCCUGCU U GAUAACUG	8647	CAGUUAUC CUGAUGAG GO	CCGUUAGGC C	GAA AGCAGGAG	27023
6347 4683 GUCAUGAU C CUGUAGAC 8650 GUCUACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGAC 27026 6352 4678 GAUCCUGU A GACGCCGG 8651 CCGGCGUC CUGAUGAG GCCGUUAGGC CGAA ACAGGAUC 27027 6365 4665 CCGGGGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 27028 6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACCACC 27029 6376 4654 GUCCCCU U UUUGUACU 8655 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA ACACCACC 27029 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGA 27030 6378 4652 CCCCCUUU U UGUACUCC 8656 GGAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27031 6379 4651 CCCCCUUU U GUACUCCU 8657 AGGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGAGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27037 6403 4627 GGGAGUGU C CUCUCUUU 8663 AAAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6420 4610 CGCCUCCU C UUUGUUG 8664 CACAAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6422 4608 CCUCCUCU U UGUGUAUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6426 4606 UCCUCUCU U UGUGUAUA 8666 CCUCUCCACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGAG 27042 6420 4600 CUUUGUGU A UUGGAGAG BAGAG CCUCUCCAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGAG 27040 6422 4608 CCUCUCUU U GUGGAGAG BAGAGAGAG CCGAAAACACACACACACACACACACACACA	6319	4711	UGCUUGAU A ACUGCCGA	8648	UCGGCAGU CUGAUGAG G	CCGUUAGGC C	GAA AUCAAGCA	27024
6347 4683 GUCAUGAU C CUGUAGAC 8650 GUCUACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGAC 27026 6352 4678 GAUCCUGU A GACGCCGG 8651 CCGGCGUC CUGAUGAG GCCGUUAGGC CGAA ACAGGAUC 27027 6365 4665 CCGGGGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACACCGGG 27028 6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACCACC 27029 6376 4654 GUCCCCU U UUUGUACU 8655 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA ACACCACC 27029 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGA 27030 6378 4652 CCCCCUUU U UGUACUCC 8656 GGAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27031 6379 4651 CCCCCUUU U GUACUCCU 8657 AGGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGAGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27037 6403 4627 GGGAGUGU C CUCUCUUU 8663 AAAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6420 4610 CGCCUCCU C UUUGUUG 8664 CACAAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6422 4608 CCUCCUCU U UGUGUAUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6426 4606 UCCUCUCU U UGUGUAUA 8666 CCUCUCCACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGAG 27042 6420 4600 CUUUGUGU A UUGGAGAG BAGAG CCUCUCCAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGAG 27040 6422 4608 CCUCUCUU U GUGGAGAG BAGAGAGAG CCGAAAACACACACACACACACACACACACA	6341	4689	CCACGAGU C AUGAUCCU	8649	AGGAUCAU CUGAUGAG GO	CCGUUAGGC C	GAA ACUCGUGG	27025
6365 4665 CCGGUGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACCACCGG 27028 6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27029 6376 4654 GUCCCCCU U UUUGUACUC 8654 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AGGGGGAC 27030 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGA 27031 6378 4652 CCCCCUUU U UUGUACUC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCUUUU U GUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27033 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA 27035 6388 4642 GUACUCCU U UGGUGAGG 8660 CCCCCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGGUAC 27036 6389 4641 UACUCCUU U GGUGAGGG 8661 CCCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGGAGUAC 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA AGGAGGUA 27037 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGUA 27037 6420 4610 CGCCUCCU C UCUUUUGU 8666 AAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6424 4606 UCCUCCUU U UGUGUAUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGC 27040 6425 4605 CCUCUCUU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6430 4600 CUUUGUGU A UUGGAGAG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGC 27043	<u> </u>	4683	GUCAUGAU C CUGUAGAC	8650				
6365 4665 CCGGUGGU C GUGUCCCC 8652 GGGGACAC CUGAUGAG GCCGUUAGGC CGAA ACCACCGG 27028 6370 4660 GGUCGUGU C CCCCUUUU 8653 AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACGACC 27029 6376 4654 GUCCCCCU U UUUGUACUC 8654 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AGGGGGAC 27030 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGA 27031 6378 4652 CCCCCUUU U UUGUACUC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCUUUU U GUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27033 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AGAAAAAA 27035 6388 4642 GUACUCCU U UGGUGAGG 8660 CCCCCACCA CUGAUGAG GCCGUUAGGC CGAA AGAGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGGG 8661 CCCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGUA 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA AAGGAGUA 27037 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA ACACCCC 27038 6420 4610 CGCCUCCU C UCUUUUGU 8666 AAAAGAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGC 27040 6424 4606 UCCUCCUU U UGUGUAUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGGC 27040 6424 4606 UCCUCCUU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27041 6425 4605 CCUCUCUU U UGUGUAUU 8666 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6420 4600 CCUCUCUU U UGUGUAUU 8666 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27041 6420 4600 CCUCUCUU U UGUGUAUU 8666 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27041 6420 4600 CCUCUCUU U UGUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27040 6420 4600 CCUCUCUU U UGUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AGAGAGAG 27040	6352	4678	GAUCCUGU A GACGCCGG	8651				
6370         4660         GGUCGUGU C CCCCUUUU         8653         AAAAGGGG CUGAUGAG GCCGUUAGGC CGAA ACACGACC         27029           6376         4654         GUCCCCCU U UUUGUACU         8654         AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AGGGGGAC         27030           6377         4653         UCCCCCUU U UUGUACUC         8655         GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG         27031           6378         4652         CCCCCUUU U UGUACUCC         8656         GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAAGGGGG         27032           6379         4651         CCCCUUUU U GUACUCCU         8657         AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG         27033           6382         4648         CUUUUUGU A CUCCUUUG B658         CAAAGGAG CUGAUGAG GCGUUAGGC CGAA ACAAAAAG 27034           6385         4645         UUUGUACU C CUUUGGUG B659         CACCAAAG CUGAUGAG GCGUUAGGC CGAA AGGAGUAC 27036           6388         4642         GUACUCCU U UGGUGAGG B660         CCCUCACC CUGAUGAG GCGUUAGGC CGAA AGGAGUAC 27036           6389         4641         UACUCCUU U GGUGAGG B661         CCCUCACC CUGAUGAG GCGUUAGGC CGAA ACACUCCC 27038           6403         4627         GGGAGUGU C CCACAACA B662         UGUUGUG CUGAUGAG GCCGUUAGGC CGAA ACACUCCC 27038           6417         4613         ACACGCCU C CUCUCUUU B663         AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGAGGGG 27040			CCGGUGGU C GUGUCCCC					
6376 4654 GUCCCCU U UUUGUACU 8654 AGUACAAA CUGAUGAG GCCGUUAGGC CGAA AGGGGGAC 27030 6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGA 27031 6378 4652 CCCCCUUU U UGUACUCC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCUUUU U GUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27033 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27035 6388 4642 GUACUCCU U UGGUGAGG 8660 CCCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGG 8661 CCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGGAGUA 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA AAGGAGUA 27037 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA ACACCCCC 27038 6420 4610 CGCCUCCU C UCUUUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGG 27040 6422 4608 CCUCCCU C UCUUUUU 8665 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGG 27040 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAG 27042 6425 4605 CCUCUCUU U GUGUAUUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG 27044	<del></del>			<del></del>				
6377 4653 UCCCCCUU U UUGUACUC 8655 GAGUACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGA 27031 6378 4652 CCCCCUUU U UGUACUCC 8656 GGAGUACA CUGAUGAG GCCGUUAGGC CGAA AAAGGGGG 27032 6379 4651 CCCCUUUU U GUACUCCU 8657 AGGAGUAC CUGAUGAG GCCGUUAGGC CGAA AAAAGGGG 27033 6382 4648 CUUUUUGU A CUCCUUUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6385 4645 UUUGUACU C CUUUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AGUACAAA 27035 6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGG 8661 CCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGGAGUA 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA ACACUCCC 27038 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGCGUGU 27039 6420 4610 CGCCUCCU C UCUUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAG 27041 6424 4606 UCCUCUU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUU 8666 CAAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG 27044	<del></del>							
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6382 4648 CUJUUUGU A CUCCUJUG 8658 CAAAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAAAAAG 27034 6385 4645 UJUGUACU C CUJUGGUG 8659 CACCAAAG CUGAUGAG GCCGUUAGGC CGAA AGUACAAA 27035 6388 4642 GUACUCCU U UGGUGAGG 8660 CCUCACCA CUGAUGAG GCCGUUAGGC CGAA AGGAGUAC 27036 6389 4641 UACUCCUU U GGUGAGGG 8661 CCCUCACC CUGAUGAG GCCGUUAGGC CGAA AAGGAGUA 27037 6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA ACACUCCC 27038 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAGGU 27039 6420 4610 CGCCUCCU C UCUUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6422 4608 CCUCCUCU C UJUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27041 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27043 6430 4600 CUJUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGG 27044								
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6403 4627 GGGAGUGU C CCACAACA 8662 UGUUGUGG CUGAUGAG GCCGUUAGGC CGAA ACACUCCC 27038 6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGCGUGU 27039 6420 4610 CGCCUCCU C UCUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27041 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044								
6417 4613 ACACGCCU C CUCUCUUU 8663 AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA AGGCGUGU 27039 6420 4610 CGCCUCCU C UCUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27041 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044	<u></u>							-
6420 4610 CGCCUCCU C UCUUUGUG 8664 CACAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGGCG 27040 6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27041 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044								
6422 4608 CCUCCUCU C UUUGUGUA 8665 UACACAAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG 27041 6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044		-						
6424 4606 UCCUCUCU U UGUGUAUU 8666 AAUACACA CUGAUGAG GCCGUUAGGC CGAA AGAGAGGA 27042 6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044								
6425 4605 CCUCUCUU U GUGUAUUG 8667 CAAUACAC CUGAUGAG GCCGUUAGGC CGAA AAGAGAGG 27043 6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044	<del></del>							
6430 4600 CUUUGUGU A UUGGAGAG 8668 CUCUCCAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAG 27044	<del></del>							
0432 4598 UUGUGUAU U GGAGAGUU 8669 AACUCUCC CUGAUGAG GCCGUUAGGC CGAA AUACACAA 27045								
	6432	4598	UUGUGUAU U GGAGAGUU	8669	AACUCUCC CUGAUGAG GO	CCGUUAGGC CC	GAA AUACACAA	27045

		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Tabl	e VIII	
6440	4590	UGGAGAGU U AUCCAAAA	8670	UUUUGGAU CUGAUGAG GCCGUUAGGC CGAA ACUCUCCA	27046
6441	4589	GGAGAGUU A UCCAAAAU	8671	AUUUUGGA CUGAUGAG GCCGUUAGGC CGAA AACUCUCC	27047
6443	4587	AGAGUUAU C CAAAAUCC	8672	GGAUUUUG CUGAUGAG GCCGUUAGGC CGAA AUAACUCU	27048
6450	4580	UCCAAAAU C CAACUACU	8673	AGUAGUUG CUGAUGAG GCCGUUAGGC CGAA AUUUUGGA	27049
6456	4574	AUCCAACU A CUGAGGGC	8674	GCCCUCAG CUGAUGAG GCCGUUAGGC CGAA AGUUGGAU	27050
6470	4560	GGCAAGAU U GCCCAGGG	8675	CCCUGGGC CUGAUGAG GCCGUUAGGC CGAA AUCUUGCC	27051
6484	4546	GGGGUGU A CGCACUAA	8676	UUAGUGCG CUGAUGAG GCCGUUAGGC CGAA ACACCCCC	27052
6491	4539	UACGCACU A AUCGCGAG	8677	CUCGCGAU CUGAUGAG GCCGUUAGGC CGAA AGUGCGUA	27053
6494	4536	GCACUAAU C GCGAGACA	8678	UGUCUCGC CUGAUGAG GCCGUUAGGC CGAA AUUAGUGC	27054
6509	4521	CAGACCAU U CUGAGCAU	8679	AUGCUCAG CUGAUGAG GCCGUUAGGC CGAA AUGGUCUG	27055
	4520	AGACCAUU C UGAGCAUC	8680	GAUGCUCA CUGAUGAG GCCGUUAGGC CGAA AAUGGUCU	27056
6510		CUGAGCAU C CAUAUCUU	8681	AAGAUAUG CUGAUGAG GCCGUUAGGC CGAA AUGCUCAG	27057
6518	4512		<del></del>	UUGGAAGA CUGAUGAG GCCGUUAGGC CGAA AUGCUCAG	التنا
6522	4508	GCAUCCAU A UCUUCCAA	8682		27058
6524	4506	AUCCAUAU C UUCCAAGG	8683	CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA AUAUGGAU	27059
6526	4504	CCAUAUCU U CCAAGGUG	8684	CACCUUGG CUGAUGAG GCCGUUAGGC CGAA AGAUAUGG	27060
6527	4503	CAUAUCUU C CAAGGUGC	8685	GCACCUUG CUGAUGAG GCCGUUAGGC CGAA AAGAUAUG	27061
6537	4493	AAGGUGCU C CUGGAUCA	8686	UGAUCCAG CUGAUGAG GCCGUUAGGC CGAA AGCACCUU	27062
6544	4486	UCCUGGAU C AUUCAUGA	8687	UCAUGAAU CUGAUGAG GCCGUUAGGC CGAA AUCCAGGA	27063
6547	4483	UGGAUCAU U CAUGAGCU	8688	AGCUCAUG CUGAUGAG GCCGUUAGGC CGAA AUGAUCCA	27064
6548	4482	GGAUCAUU C AUGAGCUG	8689	CAGCUCAU CUGAUGAG GCCGUUAGGC CGAA AAUGAUCC	27065
6562	4468	CUGGAAGU U UCCAUCAU	8690	AUGAUGGA CUGAUGAG GCCGUUAGGC CGAA ACUUCCAG	27066
6563	4467	UGGAAGUU U CCAUCAUC	8691	GAUGAUGG CUGAUGAG GCCGUUAGGC CGAA AACUUCCA	27067
6564	4466	GGAAGUUU C CAUCAUCA	8692	UGAUGAUG CUGAUGAG GCCGUUAGGC CGAA AAACUUCC	27068
6568	4462	GUUUCCAU C AUCAUCAA	8693	UUGAUGAU CUGAUGAG GCCGUUAGGC CGAA AUGGAAAC	27069
6571	4459	UCCAUCAU C AUCAAGCC	8694	GGCUUGAU CUGAUGAG GCCGUUAGGC CGAA AUGAUGGA	27070
6574	4456	AUCAUCAU C AAGCCGCA	8695	UGCGGCUU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAU	27071
6586	4444	CCGCACAU C AACUCUUU	8696	AAAGAGUU CUGAUGAG GCCGUUAGGC CGAA AUGUGCGG	27072
6591	4439	CAUCAACU C UUUCGCUC	8697	GAGCGAAA CUGAUGAG GCCGUUAGGC CGAA AGUUGAUG	27073
6593	4437	UCAACUCU U UCGCUCGA	8698	UCGAGCGA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGA	27074
6594	4436	CAACUCUU U CGCUCGAG	8699	CUCGAGCG CUGAUGAG GCCGUUAGGC CGAA AAGAGUUG	27075
6595	4435	AACUCUUU C GCUCGAGC	8700	GCUCGAGC CUGAUGAG GCCGUUAGGC CGAA AAAGAGUU	27076
6599	4431	CUUUCGCU C GAGCCUGU	8701	ACAGGCUC CUGAUGAG GCCGUUAGGC CGAA AGCGAAAG	27077
6608	4422	GAGCCUGU A AUUUCUGC	8702	GCAGAAAU CUGAUGAG GCCGUUAGGC CGAA ACAGGCUC	27078
6611	4419	CCUGUAAU U UCUGCAUC	8703	GAUGCAGA CUGAUGAG GCCGUUAGGC CGAA AUUACAGG	27079
6612	4418	CUGUAAUU U CUGCAUCA	8704	UGAUGCAG CUGAUGAG GCCGUUAGGC CGAA AAUUACAG	
6613	4417	UGUAAUUU C UGCAUCAC	8705	GUGAUGCA CUGAUGAG GCCGUUAGGC CGAA AAAUUACA	27080
		<del> </del>	<del>                                       </del>	<u> </u>	27081
6619	4411	UUCUGCAU C ACUUUCCC	8706	GGGAAAGU CUGAUGAG GCCGUUAGGC CGAA AUGCAGAA	27082
6623	4407	GCAUCACU U UCCCAGGA	8707	UCCUGGGA CUGAUGAG GCCGUUAGGC CGAA AGUGAUGC	27083
6624	4406	CAUCACUU U CCCAGGAA	8708	UUCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAGUGAUG	27084
6625	4405	AUCACUUU C CCAGGAAA	8709	UUUCCUGG CUGAUGAG GCCGUUAGGC CGAA AAAGUGAU	27085
6637	4393	GGAAAUGU C CGCCGUUC	8710	GAACGGCG CUGAUGAG GCCGUUAGGC CGAA ACAUUUCC	27086
6644	4386	UCCGCCGU U CUCUCAAU	8711	AUUGAGAG CUGAUGAG GCCGUUAGGC CGAA ACGGCGGA	27087
6645	4385	CCGCCGUU C UCUCAAUC	8712	GAUUGAGA CUGAUGAG GCCGUUAGGC CGAA AACGGCGG	27088
6647	4383	GCCGUUCU C UCAAUCCA	8713	UGGAUUGA CUGAUGAG GCCGUUAGGC CGAA AGAACGGC	27089
6649	4381	CGUUCUCU C AAUCCACA	8714	UGUGGAUU CUGAUGAG GCCGUUAGGC CGAA AGAGAACG	27090
6653	4377	CUCUCAAU C CACAUAUC	8715	GAUAUGUG CUGAUGAG GCCGUUAGGC CGAA AUUGAGAG	27091
6659	4371	AUCCACAU A UCUGUUGA	8716	UCAACAGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGAU	27092
6661	4369	CCACAUAU C UGUUGAUU	8717	AAUCAACA CUGAUGAG GCCGUUAGGC CGAA AUAUGUGG	27093
6665	4365	AUAUCUGU U GAUUUCCC	8718	GGGAAAUC CUGAUGAG GCCGUUAGGC CGAA ACAGAUAU	27094
6669	4361	CUGUUGAU U UCCCAGAA	8719	UUCUGGGA CUGAUGAG GCCGUUAGGC CGAA AUCAACAG	27095
6670	4360	UGUUGAUU U CCCAGAAA	8720	UUUCUGGG CUGAUGAG GCCGUUAGGC CGAA AAUCAACA	27096
6671	4359	GUUGAUUU C CCAGAAAU	8721	AUUUCUGG CUGAUGAG GCCGUUAGGC CGAA AAAUCAAC	27097
6680	4350	CCAGAAAU C ACGAAAGC	8722	GCUUUCGU CUGAUGAG GCCGUUAGGC CGAA AUUUCUGG	27098
6710	4320	CCCGCGAU A GUCAUUGG	8723	CCAAUGAC CUGAUGAG GCCGUUAGGC CGAA AUCGCGGG	27099
6713	4317	GCGAUAGU C AUUGGAAU	8724	AUUCCAAU CUGAUGAG GCCGUUAGGC CGAA ACUAUCGC	27100
6716	4314	AUAGUCAU U GGAAUGGC	8725	GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA AUGACUAU	27101
6733	4297	CAUGGAGU C AAUGUCAA	8726	UUGACAUU CUGAUGAG GCCGUUAGGC CGAA ACUCCAUG	27102
6739	4291	GUCAAUGU C AAGCUCUG	8727	CAGAGCUU CUGAUGAG GCCGUUAGGC CGAA ACAUUGAC	27103
6745	4285	GUCAAGCU C UGCCAGCC	8728	GGCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCUUGAC	27104
6756	4274	CCAGCCCU C CGACGAUG	8729	CAUCGUCG CUGAUGAG GCCGUUAGGC CGAA AGGGCUGG	27105
6773	4257	GCAAACAU U AGGCCGAC	8730	<del> </del>	
6774	4256	CAAACAUU A GGCCGACA		GUCGGCCU CUGAUGAG GCCGUUAGGC CGAA AUGUUUGC	27106
U.,,,	7230	MICHOU A GUCCUACA	8731	UGUCGGCC CUGAUGAG GCCGUUAGGC CGAA AAUGUUUG	27107

	WU UZ	/068637	T-L	PCT/US01/48350	
CEROS	1 4040	ACTORION O MICHORING		le VIII	
6788	4242	ACAGCUGU C AUCACUUC	8732		27108
6791	4239	GCUGUCAU C ACUUCAGU	8733		27109
6795	4235	UCAUCACU U CAGUUGCG	8734		27110
6796	4234	CAUCACUU C AGUUGCGG	8735		27111
6800	4230	ACUUCAGU U GCGGGCCA	8736	UGGCCCGC CUGAUGAG GCCGUUAGGC CGAA ACUGAAGU 2	27112
6810	4220	CGGGCCAU C CGCGUUUA	8737	UAAACGCG CUGAUGAG GCCGUUAGGC CGAA AUGGCCCG 2	27113
6816	4214	AUCCGCGU U UACGGUUG	8738	CAACCGUA CUGAUGAG GCCGUUAGGC CGAA ACGCGGAU 2	27114
6817	4213	UCCGCGUU U ACGGUUGG	8739	CCAACCGU CUGAUGAG GCCGUUAGGC CGAA AACGCGGA 2	27115
6818	4212	CCGCGUUU A CGGUUGGG	8740	CCCAACCG CUGAUGAG GCCGUUAGGC CGAA AAACGCGG 2	27116
6823	4207	UUUACGGU U GGGAUCAC	8741	GUGAUCCC CUGAUGAG GCCGUUAGGC CGAA ACCGUAAA 2	27117
6829	4201	GUUGGGAU C ACAUGCAA	8742		27118
6839	4191	CAUGCAAU C AGUCCAGC	8743		27119
6843	4187	CAAUCAGU C CAGCAGCA	8744		27120
6857	4173	GCAAGGAU C AUGGGGUU	8745		27121
6865	4165	CAUGGGGU U GAAAAGUC	8746	<del></del>	27122
6873	4157	UGAAAAGU C CUGUUGAG	8747		
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6878	4152	AGUCCUGU U GAGGCUAG	8748		27124
6885	4145	UUGAGGCU A GAGCCAAG	8749		27125
6897	4133	CCAAGCAU A GCAGACUU	8750		27126
6905	4125	AGCAGACU U GCUCCUUU	8751		27127
6909	4121	GACUUGCU C CUUUCUUU	8752	<u> </u>	27128
6912	4118	บบดิดบดดบ บ บดบบบบบบ	8753	AAAAAAGA CUGAUGAG GCCGUUAGGC CGAA AGGAGCAA 2	27129
6913	4117	necncon n connorme	8754	CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGCA 2	27130
6914	4116	GCUCCUUU C UUUUUUGC	8755	GCAAAAAA CUGAUGAG GCCGUUAGGC CGAA AAAGGAGC 2	27131
6916	4114	UCCUUUCU U UUUUGCAG	8756	CUGCAAAA CUGAUGAG GCCGUUAGGC CGAA AGAAAGGA 2	27132
6917	4113	CCUUUCUU U UUUGCAGC	8757	GCUGCAAA CUGAUGAG GCCGUUAGGC CGAA AAGAAAGG 2	27133
6918	4112	CUUUCUUU U UUGCAGCU	8758	AGCUGCAA CUGAUGAG GCCGUUAGGC CGAA AAAGAAAG 2	27134
6919	4111	UUUCUUUU U UGCAGCUG	8759	CAGCUGCA CUGAUGAG GCCGUUAGGC CGAA AAAAGAAA 2	27135
6920	4110	UUCUUUUU U GCAGCUGC	8760	<u> </u>	27136
6932	4098	GCUGCACU C CUCUUCUC	8761		27137
6935	4095	GCACUCCU C UUCUCCCU	8762	<u> </u>	27138
6937	4093	ACUCCUCU U CUCCCUGA	8763		27139
6938	4092	CUCCUCUU C UCCCUGAU	8764		27140
6940	4090	CCUCUUCU C CCUGAUCA	8765		
6947	4083	UCCCUGAU C AAGCUGCC			27141
<u> </u>			8766		27142
6957	4073	AGCUGCCU A UUCCGACC	8767	<del></del>	27143
6959	4071	CUGCCUAU U CCGACCAU	8768	· · · · · · · · · · · · · · · · · · ·	27144
6960	4070	UGCCUAUU C CGACCAUC	8769		27145
6968	4062	CCGACCAU C AACAGCAG	8770		27146
6978	4052	ACAGCAGU A UCCUGUAC	8771	GUACAGGA CUGAUGAG GCCGUUAGGC CGAA ACUGCUGU 2	27147
6980	4050	AGCAGUAU C CUGUACAC	8772		27148
6985	4045	UAUCCUGU A CACAUCCA	8773	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA ACAGGAUA 2	27149
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7007	4023	AAGCAUCU C AGCCCGGG	8778		27154
7019	4011	CCGGGUGU U AGCAGGGC	8779		27155
7020	4010	CGGGUGUU A GCAGGGCU	8780		27156
7029	4001	GCAGGGCU A GCAGCGGA	8781		27157
7048	3982	AACCACGU U UGAUGUCG	8782		27158
7049	3981	ACCACGUU U GAUGUCGU	8783		27159
7055	3975	UUUGAUGU C GUUGUGAA	8784		27160
7058	3972	GAUGUCGU U GUGAAUGU	8785	<u> </u>	
7067	3963	GUGAAUGU U AUGGCUCU		<del> </del>	27161
			8786	<u> </u>	27162
7068	3962	UGAAUGUU A UGGCUCUC	8787		27163
7074	3956	UUAUGGCU C UCAGUAUC	8788		27164
7076	3954	AUGGCUCU C AGUAUCAU	8789		27165
7080	3950	CUCUCAGU A UCAUCCAA	8790	<del></del>	27166
7082	3948	CUCAGUAU C AUCCAAGC	8791	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA AUACUGAG 2	27167
7085	3945	AGUAUCAU C CAAGCUAC	8792	GUAGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 2	27168
7092	3938	UCCAAGCU A CCGCCAGU	8793	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA AGCUUGGA 2	7169

		7008037	Tabl	e VIII		70301740330	
7105	3925	CAGUGAAU U CAACACAU	8794	AUGUGUUG CUGAUGAG	GCCGUUAGGC	CGAA AUUCACUG	27170
7106	3924	AGUGAAUU C AACACAUC	8795	GAUGUGUU CUGAUGAG	GCCGUUAGGC	CGAA AAUUCACU	27171
7114	3916	CAACACAU C AGGGAUCU	8796	AGAUCCCU CUGAUGAG	GCCGUUAGGC	CGAA AUGUGUUG	27172
7121	3909	UCAGGGAU C UCCCAGAG	8797	CUCUGGGA CUGAUGAG	GCCGUUAGGC	CGAA AUCCCUGA	27173
7123	3907	AGGGAUCU C CCAGAGCA	8798	UGCUCUGG CUGAUGAG	GCCGUUAGGC	CGAA AGAUCCCU	27174
7136	3894	AGCAGAAU U UGGCGGGC	8799	GCCCGCCA CUGAUGAG	GCCGUUAGGC	CGAA AUUCUGCU	27175
7137	3893	GCAGAAUU U GGCGGGCA	8800	UGCCCGCC CUGAUGAG	GCCGUUAGGC	CGAA AAUUCUGC	27176
7147	3883	GCGGGCAU C GUGAUAAG	8801	CUUAUCAC CUGAUGAG	GCCGUUAGGC	CGAA AUGCCCGC	27177
7153	3877	AUCGUGAU A AGCCAUUU	8802	AAAUGGCU CUGAUGAG	GCCGUUAGGC	CGAA AUCACGAU	27178
7160	3870	UAAGCCAU U UGAAAGAA	8803	UUCUUUCA CUGAUGAG	GCCGUUAGGC	CGAA AUGGCUUA	27179
7161	3869	AAGCCAUU U GAAAGAAA	8804	UUUCUUUC CUGAUGAG	GCCGUUAGGC	CGAA AAUGGCUU	27180
7184	3846	GCCAACAU C AACAAAAU	8805	AUUUUGUU CUGAUGAG	GCCGUUAGGC	CGAA AUGUUGGC	27181
7195	3835	CAAAAUGU U CUCCUGGU	8806	ACCAGGAG CUGAUGAG	GCCGUUAGGC	CGAA ACAUUUUG	27182
7196	3834	AAAAUGUU C UCCUGGUU	8807	AACCAGGA CUGAUGAG	GCCGUUAGGC	CGAA AACAUUUU	27183
7198	3832	AAUGUUCU C CUGGUUGG	8808	CCAACCAG CUGAUGAG	GCCGUUAGGC	CGAA AGAACAUU	27184
7204	3826	CUCCUGGU U GGUCCAUC	8809	GAUGGACC CUGAUGAG	GCCGUUAGGC	CGAA ACCAGGAG	27185
7208	3822	UGGUUGGU C CAUCUCGC	8810	GCGAGAUG CUGAUGAG	GCCGUUAGGC	CGAA ACCAACCA	27186
7212	3818	UGGUCCAU C UCGCUUUG	8811	CAAAGCGA CUGAUGAG	GCCGUUAGGC	CGAA AUGGACCA	27187
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7218	3812	AUCUCGCU U UGAGAAAC	8813	GUUUCUCA CUGAUGAG	GCCGUUAGGC	CGAA AGCGAGAU	27189
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7251	3779	CUGGUUGU A UCUUGAAG	8817	CUUCAAGA CUGAUGAG	GCCGUUAGGC	CGAA ACAACCAG	27193
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7255	3775	UUGUAUCU U GAAGGUCG	8819	CGACCUUC CUGAUGAG	GCCGUUAGGC	CGAA AGAUACAA	27195
7262	376B	UUGAAGGU C GCCAUGAG	8820	CUCAUGGC CUGAUGAG	GCCGUUAGGC	CGAA ACCUUCAA	27196
7281	3749	CCAAGUGU A CCACGUCU	8821	AGACGUGG CUGAUGAG	GCCGUUAGGC	CGAA ACACUUGG	27197
7288	3742	UACCACGU C UCCUCCCG	8822	CGGGAGGA CUGAUGAG	GCCGUUAGGC	CGAA ACGUGGUA	27198
7290	3740	CCACGUCU C CUCCCGAA	8823	UUCGGGAG CUGAUGAG	GCCGUUAGGC	CGAA AGACGUGG	27199
7293	3737	CGUCUCCU C CCGAAUUA	8824	UAAUUCGG CUGAUGAG			27200
7300	3730	UCCCGAAU U AGAUUCUG	8825	CAGAAUCU CUGAUGAG			27201
7301	3729	CCCGAAUU A GAUUCUGC	8826	GCAGAAUC CUGAUGAG			27202
7305	3725	AAUUAGAU U CUGCGAAA	8827	UUUCGCAG CUGAUGAG			27203
7306	3724	AUUAGAUU C UGCGAAAG	8828	CUUUCGCA CUGAUGAG			27204
7336	3694	GAUGACAU A GCGUAACA	8829	UGUUACGC CUGAUGAG			27205
7341	3689	CAUAGCGU A ACACAUCA	8830	UGAUGUGU CUGAUGAG			27206
7348	3682	UAACACAU C AGUGUAAG	8831	CUUACACU CUGAUGAG			27207
7354	3676	AUCAGUGU A AGUAAUGC	8832	GCAUUACU CUGAUGAG			27208
7358	3672	GUGUAAGU A AUGCCCCC	8833	GGGGGCAU CUGAUGAG			27209
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7391	3639	AGAGCAAU C AGUAUAGC	8835	GCUAUACU CUGAUGAG			27211
7395	3635	CAAUCAGU A UAGCUGGC	8836	GCCAGCUA CUGAUGAG			27212
7397	3633	AUCAGUAU A GCUGGCAU	8837	AUGCCAGC CUGAUGAG			27213
7412	3618	AUGCUGAU C UUGGCUGU	8838	ACAGCCAA CUGAUGAG			27214
7414	3616	GCUGAUCU U GGCUGUCC	8839	GGACAGCC CUGAUGAG			27215
7421	3609 3603	UUGGCUGU C CACCUCUU GUCCACCU C UUGCGAAG	8840	AAGAGGUG CUGAUGAG			27216
7429	3601	CCACCUCU U GCGAAGGA	8841	CUUCGCAA CUGAUGAG			27217
7441	3589	AAGGACCU C CUGGGUGG	8842	UCCUUCGC CUGAUGAG			27218
7486	3544	AAAAGGGU C AAUCAUAU	8843	CCACCCAG CUGAUGAG			27219
7490	3544	GGGUCAAU C AUAUCAGC	8844 8845	AUAUGAUU CUGAUGAG			27220
7493	3537	UCAAUCAU A UCAGCAUU	8846	GCUGAUAU CUGAUGAG AAUGCUGA CUGAUGAG			27221
7495	3535	AAUCAUAU C AGCAUUAU	8847	<del></del>			27222
7501	3529	AUCAGCAU U AUAAGCAU	8848	AUAAUGCU CUGAUGAG			27223
7502	3528	UCAGCAUU A UAAGCAUU	8849	AUGCUUAU CUGAUGAG AAUGCUUA CUGAUGAG			27224
7504	3526	AGCAUUAU A AGCAUUCA	8850	UGAAUGCU CUGAUGAG			27225
7510	3520	AUAAGCAU U CACUUGUG	8851	CACAAGUG CUGAUGAG			27226
7511	3519	UAAGCAUU C ACUUGUGA	8852	UCACAAGU CUGAUGAG			27227
7515	3515	CAUUCACU U GUGACUGC	8853	GCAGUCAC CUGAUGAG			27228
7532	3498	ACGAGGGU C UUUUCAUC	8854				27229
7534	3496	GAGGGUCU U UUCAUCAU	8855	GAUGAAAA CUGAUGAG			27230
		3-20000 O DOCADORO	5035	AUGAUGAA CUGAUGAG	ACCOUNTRIC.	CUAN AUNCUCUL	27231

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7535	3495	AGGGUCUU U UCAUCAUG	8856	CAUGAUGA CUGAUGAG GCCGUUAGGC CGAA AAGACCCU 27232
7536	3494	GGGUCUUU U CAUCAUGU	8857	ACAUGAUG CUGAUGAG GCCGUUAGGC CGAA AAAGACCC 27233
7537	3493	GGUCUUUU C AUCAUGUC	8858	GACAUGAU CUGAUGAG GCCGUUAGGC CGAA AAAAGACC 27234
7540	3490	CUUUUCAU C AUGUCUCU	8859	AGAGACAU CUGAUGAG GCCGUUAGGC CGAA AUGAAAAG 27235
7545	3485	CAUCAUGU C UCUGUGGU	8860	ACCACAGA CUGAUGAG GCCGUUAGGC CGAA ACAUGAUG 27236
7547	3483	UCAUGUCU C UGUGGUCU	8861	AGACCACA CUGAUGAG GCCGUUAGGC CGAA AGACAUGA 27237
7554	3476	UCUGUGGU C UGAUCUCC	8862	GGAGAUCA CUGAUGAG GCCGUUAGGC CGAA ACCACAGA 27238
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7561	3469	UCUGAUCU C CAUACCAU	8864	AUGGUAUG CUGAUGAG GCCGUUAGGC CGAA AGAUCAGA 27240
7565	3465	AUCUCCAU A CCAUACCA	8865	UGGUAUGG CUGAUGAG GCCGUUAGGC CGAA AUGGAGAU 27241
7570	3460	CAUACCAU A CCAACAGC	8866	GCUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUGGUAUG 27242
7585	3445	GCCGCUGU C AGUUUGGU	8867	ACCAAACU CUGAUGAG GCCGUUAGGC CGAA ACAGCGGC 27243
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7590	3440	UGUCAGUU U GGUAGCGC	8869	GCGCUACC CUGAUGAG GCCGUUAGGC CGAA AACUGACA 27245
7594	3436	AGUUUGGU A GCGCAGUG	8870	CACUGCGC CUGAUGAG GCCGUUAGGC CGAA ACCAAACU 27246
7608	3422	GUGGUGGU A AGGUGCAG	8871	CUGCACCU CUGAUGAG GCCGUUAGGC CGAA ACCACCAC 27247
7619	3411	GUGCAGCU C CUGCAGCA	8872	UGCUGCAG CUGAUGAG GCCGUUAGGC CGAA AGCUGCAC 27248
7633	3397	GCACCAAU C UGUUAUCA	8873	UGAUAACA CUGAUGAG GCCGUUAGGC CGAA AUUGGUGC 27249
7637	3393	CAAUCUGU U AUCAACUU	8874	AAGUUGAU CUGAUGAG GCCGUUAGGC CGAA ACAGAUUG 27250
7638	3392	AAUCUGUU A UCAACUUU	8875	AAAGUUGA CUGAUGAG GCCGUUAGGC CGAA AACAGAUU 27251
7640	3390	UCUGUUAU C AACUUUCC	8876	GGAAAGUU CUGAUGAG GCCGUUAGGC CGAA AUAACAGA 27252
7645	3385	UAUCAACU U UCCGCUCU	8877	AGAGCGGA CUGAUGAG GCCGUUAGGC CGAA AGUUGAUA 27253
7646	3384	AUCAACUU U CCGCUCUC	8878	GAGAGCGG CUGAUGAG GCCGUUAGGC CGAA AAGUUGAU 27254
7647	3383	UCAACUUU C CGCUCUCU	8879	AGAGAGCG CUGAUGAG GCCGUUAGGC CGAA AAAGUUGA 27255
7652	3378	UUUCCGCU C UCUGUGGU	8880	ACCACAGA CUGAUGAG GCCGUUAGGC CGAA AGCGGAAA 27256
7654	3376	UCCGCUCU C UGUGGUGG UGGCAGGU C CACGGUGU	8881 8882	CCACCACA CUGAUGAG GCCGUUAGGC CGAA AGAGCGGA 27257 ACACCGUG CUGAUGAG GCCGUUAGGC CGAA ACCUGCCA 27258
7686	3353 3344	CACGGUGU C CGCAGCUC	8883	
7694	3336	CCGCAGCU C UCACUCAG	8884	GAGCUGCG CUGAUGAG GCCGUUAGGC CGAA ACACCGUG 27259 CUGAGUGA CUGAUGAG GCCGUUAGGC CGAA AGCUGCGG 27260
7696	3334	GCAGCUCU C ACUCAGGG	8885	CCCUGAGU CUGAUGAG GCCGUUAGGC CGAA AGAGCUGC 27260
7700	3330	CUCUCACU C AGGGUGAC	8886	GUCACCCU CUGAUGAG GCCGUUAGGC CGAA AGUGAGAG 27261
7712	3318	GUGACCGU A GUUCCUGG	8887	CCAGGAAC CUGAUGAG GCCGUUAGGC CGAA ACGGUCAC 27263
7715	3315	ACCGUAGU U CCUGGGCA	8888	UGCCCAGG CUGAUGAG GCCGUUAGGC CGAA ACUACGGU 27264
7716	3314	CCGUAGUU C CUGGGCAG	8889	CUGCCCAG CUGAUGAG GCCGUUAGGC CGAA AACUACGG 27265
7726	3304	UGGGCAGU A AUCGAAGU	8890	ACUUCGAU CUGAUGAG GCCGUUAGGC CGAA ACUGCCCA 27266
7729	3301	GCAGUAAU C GAAGUCAA	8891	UUGACUUC CUGAUGAG GCCGUUAGGC CGAA AUUACUGC 27267
7735	3295	AUCGAAGU C AAUCUCUA	8892	UAGAGAUU CUGAUGAG GCCGUUAGGC CGAA ACUUCGAU 27268
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7753	3277	CCGGCCUU C GUCCCAUG	8897	CAUGGGAC CUGAUGAG GCCGUUAGGC CGAA AAGGCCGG 27273
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7778	3252	UUUUGUGU C UUGUACCC	8902	GGGUACAA CUGAUGAG GCCGUUAGGC CGAA ACACAAAA 27278
7780	3250	UUGUGUCU U GUACCCAG	8903	CUGGGUAC CUGAUGAG GCCGUUAGGC CGAA AGACACAA 27279
7783	3247	DGUCUUGU A CCCAGGUC	8904	GACCUGGG CUGAUGAG GCCGUUAGGC CGAA ACAAGACA 27280
7793	3239 3237	ACCCAGGU C UCCGAUUG CCAGGUCU C CGAUUGUG	8905	CAAUCGGA CUGAUGAG GCCGUUAGGC CGAA ACCUGGGU 27281
7798	3237	UCUCCGAU U GUGAUUGC	8906 8907	CACAAUCG CUGAUGAG GCCGUUAGGC CGAA AGACCUGG 27282
7804	3232	AUUGUGAU U GCUUCGUG	8907	GCAAUCAC CUGAUGAG GCCGUUAGGC CGAA AUCAGAGA 27283 CACGAAGC CUGAUGAG GCCGUUAGGC CGAA AUCACAAU 27284
7808	3222	UGAUUGCU U CGUGGUCC	8909	CACGAAGC CUGAUGAG GCCGUUAGGC CGAA AUCACAAU 27284 GGACCACG CUGAUGAG GCCGUUAGGC CGAA AGCAAUCA 27285
7809	3221	GAUUGCUU C GUGGUCCC	8910	GGACCAC CUGAUGAG GCCGUUAGGC CGAA AAGCAAUCA 27285
7815	3215	UUCGUGGU C CCGCCAGU	8911	ACUGGCGG CUGAUGAG GCCGUUAGGC CGAA ACCACGAA 27287
7833	3197	UGACUGGU A UUAUCAAG	8912	CUUGAUAA CUGAUGAG GCCGUUAGGC CGAA ACCAGUCA 27288
7835	3195	ACUGGUAU U AUCAAGUC	8913	GACUUGAU CUGAUGAG GCCGUUAGGC CGAA AUACCAGU 27289
7836	3194	CUGGUAUU A UCAAGUCA	8914	UGACUUGA CUGAUGAG GCCGUUAGGC CGAA AAUACCAG 27290
7838	3192	GGUAUUAU C AAGUCACU	8915	AGUGACUU CUGAUGAG GCCGUUAGGC CGAA AUAAUACC 27291
7843	3187	UAUCAAGU C ACUCUCAA	8916	UUGAGAGU CUGAUGAG GCCGUUAGGC CGAA ACUUGAUA 27292
7847	3183	AAGUCACU C UCAAGGAU	8917	AUCCUUGA CUGAUGAG GCCGUUAGGC CGAA AGUGACUU 27293

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F6040	T 3303 T	GUCACUCU C AAGGAUUC	8918	le VIII    GAAUCCUU CUGAUGAG GCCGUUAGGC CGAA AGAGUGAC   272	294
7849	3181				
7856	3174	UCAAGGAU U CCAUCGCC	8919		295
7857	3173	CAAGGAUU C CAUCGCCC	8920		296
7861	3169	GAUUCCAU C GCCCCACA	8921		297
7874	3156	CACAAGGU A UGCGUCUC	8922	GAGACGCA CUGAUGAG GCCGUUAGGC CGAA ACCUUGUG 272	298
7880	3150	GUAUGCGU C UCAGGCCA	8923	UGGCCUGA CUGAUGAG GCCGUUAGGC CGAA ACGCAUAC 272	299
7882	3148	AUGCGUCU C AGGCCACG	8924	CGUGGCCU CUGAUGAG GCCGUUAGGC CGAA AGACGCAU 273	300
7892	3138	GGCCACGU A CAUGAUUU	8925	AAAUCAUG CUGAUGAG GCCGUUAGGC CGAA ACGUGGCC 273	301
7899	3131	UACAUGAU U UGACUUCA	8926		302
7900	3130	ACAUGAUU U GACUUCAC	8927		303
<b></b>		AUUUGACU U CACCCAGA	8928		304
7905	3125		8929		
7906	3124	UUUGACUU C ACCCAGAA		<u> </u>	305
7922	3108	ACUGCCCU U UCAAGCUU	8930		306
7923	3107	CUGCCCUU U CAAGCUUC	8931	<u> </u>	307
7924	3106	UGCCCUUU C AAGCUUCC	8932	GGAAGCUU CUGAUGAG GCCGUUAGGC CGAA AAAGGGCA 27:	308
7930	3100	UUCAAGCU U CCACGUAU	8933	AUACGUGG CUGAUGAG GCCGUUAGGC CGAA AGCUUGAA 27:	309
7931	3099	UCAAGCUU C CACGUAUC	8934	GAUACGUG CUGAUGAG GCCGUUAGGC CGAA AAGCUUGA 27:	310
7937	3093	UUCCACGU A UCAUUGAG	8935	CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA ACGUGGAA 273	311
7939	3091	CCACGUAU C AUUGAGCC	8936	GGCUCAAU CUGAUGAG GCCGUUAGGC CGAA AUACGUGG 27:	312
7942	3088	CGUAUCAU U GAGCCUGC	8937	<u></u>	313
7952	3078	AGCCUGCU U UCAAUCCA	8938		314
7953	3077	GCCUGCUU U CAAUCCAA	8939		315
<u> </u>		CCUGCUUU C AAUCCAAU	8940		316
7954	3076	CUUUCAAU C CAAUAGGA	8941		317
7958	3072				
7963	3067	AAUCCAAU A GGACAGGU	8942	<u> </u>	318
7972	3058	GGACAGGU C ACUGUGGA	8943	<u> </u>	319
7982	3048	CUGUGGAU C GCCAAGUU	8944		320
7990	3040	CGCCAAGU U GUUCUUGA	8945		321
7993	3037	CAAGUUGU U CUUGACAG	8946	<u> </u>	7322
7994	3036	AAGUUGUU C UUGACAGC	8947		323
7996	3034	GUUGUUCU U GACAGCCG	8948	CGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AGAACAAC 27	7324
8006	3024	ACAGCCGU U CCAAUGAU	8949	AUCAUUGG CUGAUGAG GCCGUUAGGC CGAA ACGGCUGU 27	325
8007	3023	CAGCCGUU C CAAUGAUC	8950	GAUCAUUG CUGAUGAG GCCGUUAGGC CGAA AACGGCUG 27:	326
8015	3015	CCAAUGAU C UUCGAGUC	8951	GACUCGAA CUGAUGAG GCCGUUAGGC CGAA AUCAUUGG 27:	7327
8017	3013	AAUGAUCU U CGAGUCAC	8952	GUGACUCG CUGAUGAG GCCGUUAGGC CGAA AGAUCAUU 27	7328
8018	3012	AUGAUCUU C GAGUCACA	8953	UGUGACUC CUGAUGAG GCCGUUAGGC CGAA AAGAUCAU 27:	329
8023	3007	CUUCGAGU C ACAUUCAG	8954	CUGAAUGU CUGAUGAG GCCGUUAGGC CGAA ACUCGAAG 27	330
8028	3002	AGUCACAU U CAGUUGUG	8955	CACAACUG CUGAUGAG GCCGUUAGGC CGAA AUGUGACU 27	331
8029	3001	GUCACAUU C AGUUGUGU	8956		332
8033	2997	CAUUCAGU U GUGUUGCU	8957		333
8038	2992	AGUUGUGU U GCUCUCUC	8958		334
			8959		334
<del></del>	2988	GUGUUGCU C UCUCUGAC	<del></del>	<del></del>	
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8046	2984	UGCUCUCU C UGACCUUC	8961	<u> </u>	337
8053	2977	UCUGACCU U CAGGAACA	8962		338
8054	2976	CUGACCUU C AGGAACAU	8963		339
8063	2967	AGGAACAU C CGAGUGCU	8964	<u> </u>	340
8085	2945	GACCAAAU C CAAAAUCC	8965		341
8092	2938	UCCAAAAU C CUCCACUU	8966	<u> </u>	342
8095	2935	AAAAUCCU C CACUUCUA	8967		343
8100	2930	CCUCCACU U CUAAGCUA	8968	UAGCUUAG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGG 27	344
8101	2929	CUCCACUU C UAAGCUAU	8969		345
8103	2927	CCACUUCU A AGCUAUUC	8970	GAAUAGCU CUGAUGAG GCCGUUAGGC CGAA AGAAGUGG 27.	346
8108	2922	UCUAAGCU A UUCCAAGC	8971		347
8110	2920	UAAGCUAU U CCAAGCGC	8972	GCGCUUGG CUGAUGAG GCCGUUAGGC CGAA AUAGCUUA 27:	348
8111	2919	AAGCUAUU C CAAGCGCG	8973	<u> </u>	349
8122	2908	AGCGCGAU U CUGAGUCG	8974		350
8123	2907	GCGCGAUU C UGAGUCGG	8975	<u> </u>	351
8129	2901	UUCUGAGU C GGACAUUC	8976		352
8136	2894	UCGGACAU U CCUUGGUC	8977	<del> </del>	353
8137	2893	CGGACAUU C CUUGGUCU	8978	+	354
8140	2890	ACAUUCCU U GGUCUCCG	8979	<del></del>	
2740	4030	ACTUOCED O GGOCOCEG	09/9	COGNONIC CUGNUGNO GCCGUUNGGE CGNA NGGNAUGU 27.	355

	WO 02	/n<9< <b>27</b>		PCT/US01/48350
	W O 02	7008037	Table	le VIII
8144	2886	UCCUUGGU C UCCGGACC	8980	GGUCCGGA CUGAUGAG GCCGUUAGGC CGAA ACCAAGGA 27356
8146	2884	CUUGGUCU C CGGACCAU	8981	AUGGUCCG CUGAUGAG GCCGUUAGGC CGAA AGACCAAG 27357
8155	2875	CGGACCAU C AACCACAA	8982	UUGUGGUU CUGAUGAG GCCGUUAGGC CGAA AUGGUCCG 27358
8170	2860	AAAGGUGU U GUUGGCGA	8983	UCGCCAAC CUGAUGAG GCCGUUAGGC CGAA ACACCUUU 27359
8173	2857	GGUGUUGU U GGCGAGUU	8984	AACUCGCC CUGAUGAG GCCGUUAGGC CGAA ACAACACC 27360 UGCACCAG CUGAUGAG GCCGUUAGGC CGAA ACUCGCCA 27361
8181	2849	UGGCGAGU U CUGGUGCA GGCGAGUU C UGGUGCAA	8985 8986	UGCACCAG CUGAUGAG GCCGUUAGGC CGAA ACUCGCCA 27361 UUGCACCA CUGAUGAG GCCGUUAGGC CGAA AACUCGCC 27362
8182	2848	GUGCAAAU A AAAUACUC	8987	GAGUAUUU CUGAUGAG GCCGUUAGGC CGAA AUUUGCAC 27363
8193	2837 2832	AAUAAAAU A CUCUUUCC	8988	GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA AUUUUAUU 27364
8198	2829	AAAAUACU C UUUCCCCA	8989	UGGGGAAA CUGAUGAG GCCGUUAGGC CGAA AGUAUUUU 27365
8203	2827	AAUACUCU U UCCCCAGG	8990	CCUGGGGA CUGAUGAG GCCGUUAGGC CGAA AGAGUAUU 27366
8204	2826	AUACUCUU U CCCCAGGC	8991	GCCUGGGG CUGAUGAG GCCGUUAGGC CGAA AAGAGUAU 27367
8205	2825	UACUCUUU C CCCAGGCC	8992	GGCCUGGG CUGAUGAG GCCGUUAGGC CGAA AAAGAGUA 27368
8215	2815	CCAGGCCU U CCAGCCAA	8993	UUGGCUGG CUGAUGAG GCCGUUAGGC CGAA AGGCCUGG 27369
8216	2814	CAGGCCUU C CAGCCAAU	8994	AUUGGCUG CUGAUGAG GCCGUUAGGC CGAA AAGGCCUG 27370
8225	2805	CAGCCAAU U UCCAAUUU	8995	AAAUUGGA CUGAUGAG GCCGUUAGGC CGAA AUUGGCUG 27371
8226	2804	AGCCAAUU U CCAAUUUU	8996	AAAAUUGG CUGAUGAG GCCGUUAGGC CGAA AAUUGGCU 27372
8227	2803	GCCAAUUU C CAAUUUUU	8997	AAAAAUUG CUGAUGAG GCCGUUAGGC CGAA AAAUUGGC 27373
8232	2798	UUUCCAAU U UUUCCGUG	8998	CACGGAAA CUGAUGAG GCCGUUAGGC CGAA AUUGGAAA 27374
8233	2797	UUCCAAUU U UUCCGUGG	8999	CCACGGAA CUGAUGAG GCCGUUAGGC CGAA AAUUGGAA 27375
8234	2796	UCCAAUUU U UCCGUGGU	9000	ACCACGGA CUGAUGAG GCCGUUAGGC CGAA AAAUUGGA 27376
8235	2795	CCAAUUUU U CCGUGGUG	9001	CACCACGG CUGAUGAG GCCGUUAGGC CGAA AAAAUUGG 27377
8236	2794	CAAUUUUU C CGUGGUGG	9002	CCACCACG CUGAUGAG GCCGUUAGGC CGAA AAAAAUUG 27378
8256	2774	UGAGGCGU U UAGGUGCU	9003	AGCACCUA CUGAUGAG GCCGUUAGGC CGAA ACGCCUCA 27379
8257	2773	GAGGCGUU U AGGUGCUG	9004	CAGCACCU CUGAUGAG GCCGUUAGGC CGAA AACGCCUC 27380
8258	2772	AGGCGUUU A GGUGCUGA	9005	UCAGCACC CUGAUGAG GCCGUUAGGC CGAA AAACGCCU 27381
8269	2761	UGCUGACU U GUACAUUC	9006	GAAUGUAC CUGAUGAG GCCGUUAGGC CGAA AGUCAGCA 27382
8272	2758	UGACUUGU A CAUUCCCU	9007	AGGGAAUG CUGAUGAG GCCGUUAGGC CGAA ACAAGUCA 27383
8276	2754	UUGUACAU U CCCUCCUG	9008	CAGGAGGG CUGAUGAG GCCGUUAGGC CGAA AUGUACAA 27384
8277	2753	UGUACAUU C CCUCCUGU	9009	ACAGGAGG CUGAUGAG GCCGUUAGGC CGAA AAUGUACA 27385
8281	2749	CAUUCCCU C CUGUUUCU	9010	AGAAACAG CUGAUGAG GCCGUUAGGC CGAA AGGGAAUG 27386
8286	2744	CCUCCUGU U UCUCAACC	9011	GGUUGAGA CUGAUGAG GCCGUUAGGC CGAA ACAGGAGG 27387
8287	2743	CUCCUGUU U CUCAACCA	9012	UGGUUGAG CUGAUGAG GCCGUUAGGC CGAA AACAGGAG 27388
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8290	2740	CUGUUUCU C AACCACGA	9014	UCGUGGUU CUGAUGAG GCCGUUAGGC CGAA AGAAACAG 27390 GUGGACCU CUGAUGAG GCCGUUAGGC CGAA AGUGUCGU 27391
8303	2727	ACGACACU A AGGUCCAC	9015 9016	AUGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACCUUAGU 27391
8308	2722	ACUAAGGU C CACACCAU CACACCAU U CUCCUUCA	9017	UGAAGGAG CUGAUGAG GCCGUUAGGC CGAA AUGGUGUG 27392
8318	2712	ACACCAUU C UCCUUCAA	9018	UUGAAGGA CUGAUGAG GCCGUUAGGC CGAA AAUGGUGU 27394
8320	2710	ACCAUUCU C CUUCAAAA	9019	UUUUGAAG CUGAUGAG GCCGUUAGGC CGAA AGAAUGGU 27395
8323	2707	AUUCUCCU U CAAAAGAG	9020	CUCUUUUG CUGAUGAG GCCGUUAGGC CGAA AGGAGAAU 27396
8324	2706	UUCUCCUU C AAAAGAGU	9021	ACUCUUUU CUGAUGAG GCCGUUAGGC CGAA AAGGAGAA 27397
8335	2695	AAGAGUGU U CAGCUCGU	9022	ACGAGCUG CUGAUGAG GCCGUUAGGC CGAA ACACUCUU 27398
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8347	2683	CUCGUCCU U CACUGCUU	9026	AAGCAGUG CUGAUGAG GCCGUUAGGC CGAA AGGACGAG 27402
8348	2682	UCGUCCUU C ACUGCUUC	9027	GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA AAGGACGA 27403
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8356	2674	CACUGCUU C CCACAUUU	9029	AAAUGUGG CUGAUGAG GCCGUUAGGC CGAA AAGCAGUG 27405
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8388	2642	AAACUGAU C GUAGACCG	9034	CGGUCUAC CUGAUGAG GCCGUUAGGC CGAA AUCAGUUU 27410
8391	2639	CUGAUCGU A GACCGCAC	9035	GUGCGGUC CUGAUGAG GCCGUUAGGC CGAA ACGAUCAG 27411
8403	2627	CGCACACU C CUUCCUUA	9036	UAAGGAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUGCG 27412
8406	2624	ACACUCCU U CCUUAUGA	9037	UCAUAAGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU 27413
8407	2623	CACUCCUU C CUUAUGAG	9038	CUCAUAAG CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG 27414
8410	2620	UCCUUCCU U AUGAGCUU	9039	AAGCUCAU CUGAUGAG GCCGUUAGGC CGAA AGGAAGGA 27415

9040

9041

8411 2619

8418 2612

CCUUCCUU A UGAGCUUU

UAUGAGCU U UCUGAAUG

AAAGCUCA CUGAUGAG GCCGUUAGGC CGAA AAGGAAGG CAUUCAGA CUGAUGAG GCCGUUAGGC CGAA AGCUCAUA

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			Tab	le VIII	
8419	2611	AUGAGCUU U CUGAAUGA	9042	UCAUUCAG CUGAUGAG GCCGUUAGGC CGAA AAGCUCAU	27418
8420	2610	UGAGCUUU C UGAAUGAU	9043	AUCAUUCA CUGAUGAG GCCGUUAGGC CGAA AAAGCUCA	27419
8429	2601	UGAAUGAU C UUGGCUAG	9044	CUAGCCAA CUGAUGAG GCCGUUAGGC CGAA AUCAUUCA	27420
8431	2599	AAUGAUCU U GGCUAGGC	9045	GCCUAGCC CUGAUGAG GCCGUUAGGC CGAA AGAUCAUU	27421
8436	2594	UCUUGGCU A GGCCUUGU	9046	ACAAGGCC CUGAUGAG GCCGUUAGGC CGAA AGCCAAGA	27422
8442	2588	CUAGGCCU U GUGGCGUU	9047	AACGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGCCUAG	27423
8450	2580	UGUGGCGU U UCAGGGUA	9048	UACCCUGA CUGAUGAG GCCGUUAGGC CGAA ACGCCACA	27424
8451	2579	GUGGCGUU U CAGGGUAA	9049	UUACCCUG CUGAUGAG GCCGUUAGGC CGAA AACGCCAC	27425
8452	2578	UGGCGUUU C AGGGUAAU	9050	AUUACCCU CUGAUGAG GCCGUUAGGC CGAA AAACGCCA	27426
8458	2572	UUCAGGGU A AUACUUGU	9051	ACAAGUAU CUGAUGAG GCCGUUAGGC CGAA ACCCUGAA	27427
8461	2569	AGGGUAAU A CUUGUACC	9052	GGUACAAG CUGAUGAG GCCGUUAGGC CGAA AUUACCCU	27428
8464	2566	GUAAUACU U GUACCGGU	9053	ACCGGUAC CUGAUGAG GCCGUUAGGC CGAA AGUAUUAC	27429
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8473	2557	GUACCGGU C CAUCCAAG	9055	CUUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACCGGUAC	27431
8477	2553	CGGUCCAU C CAAGCCUC	9056	GAGGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGGACCG	27432
8485	2545	CCAAGCCU C CACAUCAU	9057	AUGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGGCUUGG	27433
8491	2539	CUCCACAU C AUUGUGUA	9058	UACACAAU CUGAUGAG GCCGUUAGGC CGAA AUGUGGAG	27434
8494	2536	CACAUCAU U GUGUAUGA	9059	UCAUACAC CUGAUGAG GCCGUUAGGC CGAA AUGAUGUG	27435
8499	2531	CAUUGUGU A UGAACACU	9060	AGUGUUCA CUGAUGAG GCCGUUAGGC CGAA ACACAAUG	27436
8508	2522	UGAACACU C CACUUCCA	9061	UGGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGUGUUCA	27437
8513	2517	ACUCCACU U CCACAUCU	9062	AGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AGUGGAGU	27438
8514	2516	CUCCACUU C CACAUCUC	9063	GAGAUGUG CUGAUGAG GCCGUUAGGC CGAA AAGUGGAG	27439
8520	2510	UUCCACAU C UCAGCUCU	9064	AGAGCUGA CUGAUGAG GCCGUUAGGC CGAA AUGUGGAA	27440
8522	2508	CCACAUCU C AGCUCUUG	9065	CAAGAGCU CUGAUGAG GCCGUUAGGC CGAA AGAUGUGG	27441
8527	2503	UCUCAGCU C UUGCCGGC	9066	GCCGGCAA CUGAUGAG GCCGUUAGGC CGAA AGCUGAGA	27442
8529	2501	UCAGCUCU U GCCGGCUG	9067	CAGCCGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCUGA	27443
8542	2488	GCUGAUGU C UAUGGCAC	9068	GUGCCAUA CUGAUGAG GCCGUUAGGC CGAA ACAUCAGC	27444
8544	2486	UGAUGUCU A UGGCACAC	9069	GUGUGCCA CUGAUGAG GCCGUUAGGC CGAA AGACAUCA	27445
8560	2470	CCCAGUGU C AGCGUGCA	9070	UGCACGCU CUGAUGAG GCCGUUAGGC CGAA ACACUGGG	27446
8572	2458	GUGCACGU U CACGGAGA	9071	UCUCCGUG CUGAUGAG GCCGUUAGGC CGAA ACGUGCAC	27447
8573	2457	UGCACGUU C ACGGAGAG	9072	CUCUCCGU CUGAUGAG GCCGUUAGGC CGAA AACGUGCA	27448
8595	2435	GCAGAACU C CUCCAACU	9073	AGUUGGAG CUGAUGAG GCCGUUAGGC CGAA AGUUCUGC	27449
8598	2432	GAACUCCU C CAACUGCG	9074	CGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGAGUUC	27450
8622	2408	UGAGAGCU A UGGACCUA	9075	UAGGUCCA CUGAUGAG GCCGUUAGGC CGAA AGCUCUCA	27451
8630	2400	AUGGACCU A UCACGAGC	9076		27452
8632	2398	GGACCUAU C ACGAGCAU	9077	AUGCUCGU CUGAUGAG GCCGUUAGGC CGAA AUAGGUCC	27453
8641	2389	ACGAGCAU U GAUGCCCA	9078	UGGGCAUC CUGAUGAG GCCGUUAGGC CGAA AUGCUCGU	27454
8651	2379	AUGCCCAU C CACAACAG	9079		27455
8676	2354	CCAGCAAU C CUUGCGUU	9080		27456
8679	2351	GCAAUCCU U GCGUUAUC	9081	GAUAACGC CUGAUGAG GCCGUUAGGC CGAA AGGAUUGC	27457
8684	2346	CCUUGCGU U AUCCAGGA	9082	UCCUGGAU CUGAUGAG GCCGUUAGGC CGAA ACGCAAGG	27458
8685	2345	CUUGCGUU A UCCAGGAC	9083	GUCCUGGA CUGAUGAG GCCGUUAGGC CGAA AACGCAAG	27459
8687	2343	UGCGUUAU C CAGGACAU	9084	AUGUCCUG CUGAUGAG GCCGUUAGGC CGAA AUAACGCA	27460
8700	2330	ACAUGCCU C CGAACAGU	9085		27461
8721	2309	GGAAUGCU C CUCCGAAC	9086	GUUCGGAG CUGAUGAG GCCGUUAGGC CGAA AGCAUUCC	27462
8724	2306	AUGCUCCU C CGAACACU	9087	AGUGUUCG CUGAUGAG GCCGUUAGGC CGAA AGGAGCAU	27463
8733	2297	CGAACACU U GAUGGACA	9088	TOTAL CONTRACTOR OF THE PARTY O	27464
8746	2284	GACAGCCU U CCCAACUG	9089	CLOTHER CO. C.	27465
8747	2283	ACAGCCUU C CCAACUGA	9090		27466
8769	2261	ACACCCCU C CAACUGAU	9091	AUCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGGGUGU	27467
8778	2252	CAACUGAU C CAAAGUCC	9092	COLORANIA GUALIANA COCCUENTACIONA	27468
8785	2245	UCCAAAGU C CCAAGCUG	9093	G) CONTIGO CHICAGO CONTIGO CON	27469
8797	2233	AGCUGUGU C UCCUAGAG	9094		27470
8799	2231	CUGUGUCU C CUAGAGCG	9095	CONTRACTOR	27471
8802	2228	UGUCUCCU A GAGCGGCU	9096	NOCCOUNTS CONTRACTOR OF THE PARTY OF THE PAR	27472
8811	2219	GAGCGGCU A GUCUCUGC	9097		27473
8814	2216	CGGCUAGU C UCUGCGCU	9098	10000101	27474
8816	2214	GCUAGUCU C UGCGCUCC	9099	201 202 21 21 21 21 21 21 21 21 21 21 21 21 21	27475
8823	2207	UCUGCGCU C CUUUGAGG	9100		27476
8826	2204	GCGCUCCU U UGAGGGUG	9101	C) COCCUES CONTROL CON	27477
8827	2203	CGCUCCUU U GAGGGUGG	9102	COLOR CONTROL COLOR COLO	27478
8837	2193	AGGGUGGU U GUAAAGGC	9103		27479

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<u> </u>		Granian A AAGGGTT		e VIII  AAAGCCUU CUGAUGAG GCCGUUAGGC CGAA ACAACCAC	27400
8840	2190	GUGGUUGU A AAGGCUUU	9104		27480
8847	2183	UAAAGGCU U UGCCAAUG	9105	CAUUGGCA CUGAUGAG GCCGUUAGGC CGAA AGCCUUUA	27481
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8861	2169	AUGCUGCU U CCAGACUU	9107	AAGUCUGG CUGAUGAG GCCGUUAGGC CGAA AGCAGCAU	27483
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8884	2146	AUGGUGAU U GAUCUGUU	9110	AACAGAUC CUGAUGAG GCCGUUAGGC CGAA AUCACCAU	27486
8888	2142	UGAUUGAU C UGUUGUUC	9111	GAACAACA CUGAUGAG GCCGUUAGGC CGAA AUCAAUCA	27487
8892	2138	UGAUCUGU U GUUCUCCU	9112	AGGAGAAC CUGAUGAG GCCGUUAGGC CGAA ACAGAUCA	27488
8895	2135	UCUGUUGU U CUCCUCUG	9113	CAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ACAACAGA	27489
8896	2134	CUGUUGUU C UCCUCUGC	9114	GCAGAGGA CUGAUGAG GCCGUUAGGC CGAA AACAACAG	27490
<del></del>			9115	GGGCAGAG CUGAUGAG GCCGUUAGGC CGAA AGAACAAC	27491
8898	2132	GUUGUUCU C CUCUGCCC			
8901	2129	GUUCUCCU C UGCCCACC	9116	GGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AGGAGAAC	27492
8913	2117	CCACCACU A UGUAUGAG	9117	CUCAUACA CUGAUGAG GCCGUUAGGC CGAA AGUGGUGG	27493
8917	2113	CACUAUGU A UGAGUCUC	9118	GAGACUCA CUGAUGAG GCCGUUAGGC CGAA ACAUAGUG	27494
8923	2107	GUAUGAGU C UCCAAAGG	9119	CCUUUGGA CUGAUGAG GCCGUUAGGC CGAA ACUCAUAC	27495
8925	2105	AUGAGUCU C CAAAGGGU	9120	ACCCUUUG CUGAUGAG GCCGUUAGGC CGAA AGACUCAU	27496
8937	2093	AGGGUGGU U CCAAUUCA	9121	UGAAUUGG CUGAUGAG GCCGUUAGGC CGAA ACCACCCU	27497
8938	2092	GGGUGGUU C CAAUUCAA	9122	UUGAAUUG CUGAUGAG GCCGUUAGGC CGAA AACCACCC	27498
8943	2087	GUUCCAAU U CAAUCAGG	9123	CCUGAUUG CUGAUGAG GCCGUUAGGC CGAA AUUGGAAC	27499
8944	2086	UUCCAAUU C AAUCAGGA	9124	UCCUGAUU CUGAUGAG GCCGUUAGGC CGAA AAUUGGAA	27500
8948	2082	AAUUCAAU C AGGACCUU	9125	AAGGUCCU CUGAUGAG GCCGUUAGGC CGAA AUUGAAUU	27501
8956	2074	CAGGACCU U AGCGUUGG	9126	CCAACGCU CUGAUGAG GCCGUUAGGC CGAA AGGUCCUG	27502
8957	2073	AGGACCUU A GCGUUGGC	9127	GCCAACGC CUGAUGAG GCCGUUAGGC CGAA AAGGUCCU	27503
8962	2068	CUUAGCGU U GGCCGUGG	9128	CCACGGCC CUGAUGAG GCCGUUAGGC CGAA ACGCUAAG	27504
8989	2041	AAAAGGGU U GACAGUGA	9129	UCACUGUC CUGAUGAG GCCGUUAGGC CGAA ACCCUUUU	27505
9003	2027	UGACCAAU C UGCCCACU	9130	AGUGGGCA CUGAUGAG GCCGUUAGGC CGAA AUUGGUCA	27506
9017	2013	ACUGCCGU U AGGUCGUU	9131	AACGACCU CUGAUGAG GCCGUUAGGC CGAA ACGCCAGU	27507
9018	2012	CUGGCGUU A GGUCGUUC	9132	GAACGACC CUGAUGAG GCCGUUAGGC CGAA AACGCCAG	27508
9022	2008	CGUUAGGU C GUUCAAUG	9133	CAUUGAAC CUGAUGAG GCCGUUAGGC CGAA ACCUAACG	27509
9025	2005	UAGGUCGU U CAAUGAAG	9134	CUUCAUUG CUGAUGAG GCCGUUAGGC CGAA ACGACCUA	27510
<u> </u>			9135	GCUUCAUU CUGAUGAG GCCGUUAGGC CGAA AACGACCU	27511
9026	2004	AGGUCGUU C AAUGAAGC		AAAGUUCC CUGAUGAG GCCGUUAGGC CGAA AUCUCGUC	
9047	1983	GACGAGAU A GGAACUUU	9136		27512
9054	1976	UAGGAACU U UGCAAGGU	9137	ACCUUGCA CUGAUGAG GCCGUUAGGC CGAA AGUUCCUA	27513
9055	1975	AGGAACUU U GCAAGGUC	9138	GACCUUGC CUGAUGAG GCCGUUAGGC CGAA AAGUUCCU	27514
9063	1967	UGCAAGGU C CAUCCGUG	9139	CACGGAUG CUGAUGAG GCCGUUAGGC CGAA ACCUUGCA	27515
9067	1963	AGGUCCAU C CGUGCCAG	9140	CUGGCACG CUGAUGAG GCCGUUAGGC CGAA AUGGACCU	27516
9079	1951	GCCAGUGU A CUGCAAUU	9141	AAUUGCAG CUGAUGAG GCCGUUAGGC CGAA ACACUGGC	27517
9087	1943	ACUGCAAU U CCAACACC	9142	GGUGUUGG CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	27518
9088	1942	CUGCAAUU C CAACACCA	9143	UGGUGUUG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27519
9115	1915	ACCUGUGU C UGCGGGAG	9144	CUCCCGCA CUGAUGAG GCCGUUAGGC CGAA ACACAGGU	27520
9125	1905	GCGGGAGU C CCAAGAAA	9145	UUUCUUGG CUGAUGAG GCCGUUAGGC CGAA ACUCCCGC	27521
9136	1894	AAGAAACU U GAAAGCCU	9146	AGGCUUUC CUGAUGAG GCCGUUAGGC CGAA AGUUUCUU	27522
9145	1885	GAAAGCCU U UGAACAGA	9147	UCUGUUCA CUGAUGAG GCCGUUAGGC CGAA AGGCUUUC	27523
9146	1884	AAAGCCUU U GAACAGAC	9148	GUCUGUUC CUGAUGAG GCCGUUAGGC CGAA AAGGCUUU	27524
9160	1870	GACGCCAU A GGUUGUUC	9149	GAACAACC CUGAUGAG GCCGUUAGGC CGAA AUGGCGUC	27525
9164	1866	CCAUAGGU U GUUCCCUU	9150	AAGGGAAC CUGAUGAG GCCGUUAGGC CGAA ACCUAUGG	27526
9167	1863	UAGGUUGU U CCCUUCAA	9151	UUGAAGGG CUGAUGAG GCCGUUAGGC CGAA ACAACCUA	27527
9168	1862	AGGUUGUU C CCUUCAAC	9152	GUUGAAGG CUGAUGAG GCCGUUAGGC CGAA AACAACCU	27528
9172	1858	UGUUCCCU U CAACUGCA	9153	UGCAGUUG CUGAUGAG GCCGUUAGGC CGAA AGGGAACA	27529
9173	1857	GUUCCCUU C AACUGCAA	9154	UUGCAGUU CUGAUGAG GCCGUUAGGC CGAA AAGGGAAC	27530
9183	1847	ACUGCAAU U UUUCCAUC	9155	GAUGGAAA CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	27531
9184	1846	CUGCAAUU U UUCCAUCU	9156	AGAUGGAA CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27532
9185	1845	UGCAAUUU U UCCAUCUU	9157	AAGAUGGA CUGAUGAG GCCGUUAGGC CGAA AAAUUGCA	27533
9186	1844	GCAAUUUU U CCAUCUUC	9158	GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA AAAAUUGC	27534
9187	1843	CAAUUUUU C CAUCUUCA	9159	UGAAGAUG CUGAUGAG GCCGUUAGGC CGAA AAAAAUUG	27535
9191	1839	UUUUCAU C UUCACUCU	9160	AGAGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGGAAAA	27536
9193	1837	UUCCAUCU U CACUCUAC	9161	GUAGAGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGGAA	27537
9194	1836	UCCAUCUU C ACUCUACA	9162		
9198	1832	UCUUCACU C UACACUUC	9162	UGUAGAGU CUGAUGAG GCCGUUAGGC CGAA AAGAUGGA	27538
9200	1830	UUCACUCU A CACUUCAA	<del>                                     </del>	GAAGUGUA CUGAUGAG GCCGUUAGGC CGAA AGUGAAGA	27539
9200	<del>}</del>	UCUAÇACU U CAAAUGAC	9164	UUGAAGUG CUGAUGAG GCCGUUAGGC CGAA AGAGUGAA	27540
3203	1825	DEUMCACO O CARADGAC	9165	GUCAUUUG CUGAUGAG GCCGUUAGGC CGAA AGUGUAGA	27541

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9206	1824	CUACACUU C AAAUGACC	9166		542
9221	1809	CCCGACGU C AACUUGAC	9167	GUCAAGUU CUGAUGAG GCCGUUAGGC CGAA ACGUCGGG 279	543
9226	1804	CGUCAACU U GACAGUGU	9168	ACACUGUC CUGAUGAG GCCGUUAGGC CGAA AGUUGACG 279	544
9235	1795	GACAGUGU U GCUUGAAA	9169	UUUCAAGC CUGAUGAG GCCGUUAGGC CGAA ACACUGUC 27	545
9239	1791	GUGUUGCU U GAAAAUUC	9170	GAAUUUUC CUGAUGAG GCCGUUAGGC CGAA AGCAACAC 279	546
9246	1784	UUGAAAAU U CCACAGGA	9171	UCCUGUGG CUGAUGAG GCCGUUAGGC CGAA AUUUUCAA 279	547
9247	1783	UGAAAAUU C CACAGGAA	9172	UUCCUGUG CUGAUGAG GCCGUUAGGC CGAA AAUUUUCA 279	548
9261	1769	GAAUGGCU C CAGCCAAA	9173	UUUGGCUG CUGAUGAG GCCGUUAGGC CGAA AGCCAUUC 275	549
9273	1757	CCAAAGCU U GAUGCAGA	9174	UCUGCAUC CUGAUGAG GCCGUUAGGC CGAA AGCUUUGG 275	550
9285	1745	GCAGAGCU C CCUCUUGU	9175	ACAAGAGG CUGAUGAG GCCGUUAGGC CGAA AGCUCUGC 27	551
9289	1741	AGCUCCCU C UUGUGAGC	9176	GCUCACAA CUGAUGAG GCCGUUAGGC CGAA AGGGAGCU 27	552
9291	1739	CUCCCUCU U GUGAGCCC	9177	GGGCUCAC CUGAUGAG GCCGUUAGGC CGAA AGAGGGAG 27	553
9306	1724	CCAAUGCU A UCACAGAC	9178	GUCUGUGA CUGAUGAG GCCGUUAGGC CGAA AGCAUUGG 27	554
9308	1722	AAUGCUAU C ACAGACUG	9179	CAGUCUGU CUGAUGAG GCCGUUAGGC CGAA AUAGCAUU 27	555
9319	1711	AGACUGCU U CGUGGCGU	9180	ACGCCACG CUGAUGAG GCCGUUAGGC CGAA AGCAGUCU 27	556
9320	1710	GACUGCUU C GUGGCGUG	9181	CACGCCAC CUGAUGAG GCCGUUAGGC CGAA AAGCAGUC 275	557
9333	1697	CGUGUGGU U CCUCAAAC	9182		558
9334	1696	GUGUGGUU C CUCAAACU	9183	+- <del></del>	559
9337	1693	UGGUUCCU C AAACUCCA	9184	UGGAGUUU CUGAUGAG GCCGUUAGGC CGAA AGGAACCA 27	560
9343	1687	CUCAAACU C CAUUAACG	9185	CGUUAAUG CUGAUGAG GCCGUUAGGC CGAA AGUUUGAG 27	561
9347	1683	AACUCCAU U AACGUCUC	9186		562
9348	1682	ACUCCAUU A ACGUCUCU	9187	<del></del>	563
9353	1677	AUUAACGU C UCUCUGUU	9188		564
9355	1675	UAACGUCU C UCUGUUCC	9189		565
9357	1673	ACGUCUCU C UGUUCCUC	9190		566
9361	1669	CUCUCUGU U CCUCCACA	9191	<del> </del>	567
9362	1668	UCUCUGUU C CUCCACAC	9192		568
9365	1665	CUGUUCCU C CACACAGU	9193	<del></del>	569
9374	1656	CACACAGU A CUUCCAGC	9194		570
9377	1653	ACAGUACU U CCAGCACU	9195		571
9378	1652	CAGUACUU C CAGCACUG	9196	<del> </del>	572
9389	1641	GCACUGCU C CAAGGGAG	9197		573
9400	1630	AGGGAGGU U GAGGUCCA	9198		574
9406	1624	GUUGAGGU C CAUGAACC	9199	<u> </u>	575
9418	1612	GAACCACU C ACGAUGGA	9200		576
9437	1593	AAGAACGU C UUUGUUCC	9201		577
9439	1591	GAACGUCU U UGUUCCAA	9202	<u> </u>	578
9440	1590	AACGUCUU U GUUCCAAC	9203		579
9443	1587	GUCUUUGU U CCAACAGU	9204		580
9444	1586	UCUUUGUU C CAACAGUC	9205		581
9452	1578	CCAACAGU C AUCACGUA	9206	UACGUGAU CUGAUGAG GCCGUUAGGC CGAA ACUGUUGG 27	582
9455	1575	ACAGUCAU C ACGUAGUA	9207	UACUACGU CUGAUGAG GCCGUUAGGC CGAA AUGACUGU 27	583
9460	1570	CAUCACGU A GUAUGCAU	9208		584
9463	1567	CACGUAGU A UGCAUUGG	9209	<u> </u>	585
9469	1561	GUAUGCAU U GGUGUCAA	9210	<del></del>	586
9475	1555	AUUGGUGU C AAUCCCUG	9211	<u> </u>	587
9479	1551	GUGUCAAU C CCUGACCG	9212		588
9492	1538	ACCGUGGU U CACAGUCC	9213	<del></del>	589
9493	1537	CCGUGGUU C ACAGUCCA	9214	<u> </u>	590
9499	1531	UUCACAGU C CACUGUCA	9215	·	591
9506	1524	UCCACUGU C ACCUCUCC	9216		592
9511	1519	UGUCACCU C UCCAUAUU	9217		593
9513	1517	UCACCUCU C CAUAUUCU	9218	<del></del>	594
9517	1513	CUCUCCAU A UUCUCCAA	9219		595
9519	1511	CUCCAUAU U CUCCAAGC	9220	<del></del>	596
9520	1510	UCCAUAUU C UCCAAGCU	9221	<u> </u>	597
9522	1508	CAUAUUCU C CAAGCUUU	9222	<u> </u>	598
9529	1501	UCCAAGCU U UAGUGUGU	9223		599
9530	1500	CCAAGCUU U AGUGUGUA	9224	+	600
9531	1499	CAAGCUUU A GUGUGUAU	9225		601
9538	1492	UAGUGUGU A UGAAGGCG	9226		602
9567	1463	UGCUGAAU C UCCCUGCC	9227	<u> </u>	603

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9569	1461	CUGAAUCU C CCUGCCUG	9228		27604
9585	1445	GAGUGGCU C CAACCUGU	9229		27605
		UGUGGAGU A GUUUCCGU	9230		
9601	1429				27606
9604	1426	GGAGUAGU U UCCGUGCG	9231	<u> </u>	27607
9605	1425	GAGUAGUU U CCGUGCGA	9232		27608
9606	1424	AGUAGUUU C CGUGCGAC	9233		27609
9616	1414	GUGCGACU C CACAGUAG	9234		27610
9623	1407	UCCACAGU A GUUGGUCC	9235	GGACCAAC CUGAUGAG GCCGUUAGGC CGAA ACUGUGGA 2	27611
9626	1404	ACAGUAGU U GGUCCAUG	9236	CAUGGACC CUGAUGAG GCCGUUAGGC CGAA ACUACUGU 2	27612
9630	1400	UAGUUGGU C CAUGGACA	9237	UGUCCAUG CUGAUGAG GCCGUUAGGC CGAA ACCAACUA 2	27613
9651	1379	UGGCCACU U CGUACUUG	9238	CAAGUACG CUGAUGAG GCCGUUAGGC CGAA AGUGGCCA 2	27614
9652	1378	GGCCACUU C GUACUUGA	9239	UCAAGUAC CUGAUGAG GCCGUUAGGC CGAA AAGUGGCC 2	27615
9655	1375	CACUUCGU A CUUGAUAU	9240	AUAUCAAG CUGAUGAG GCCGUUAGGC CGAA ACGAAGUG 2	27616
9658	1372	UUCGUACU U GAUAUUCU	9241		27617
9662	1368	UACUUGAU A UUCUCUUU	9242		27618
9664	1366	CUUGAUAU U CUCUUUCA	9243		27619
9665	1365	UUGAUAUU C UCUUUCAA	9244		27620
9667	1363	GAUAUUCU C UUUCAAGA	9245		27621
9669		UAUUCUCU U UCAAGAUG	9246		
	1361				27622
9670	1360	AUUCUCUU U CAAGAUGG	9247		27623
9671	1359	UUCUCUUU C AAGAUGGU	9248		27624
9680	1350	AAGAUGGU U CUUCCUAU	9249		27625
9681	1349	AGAUGGUU C UUCCUAUU	9250		27626
9683	1347	AUGGUUCU U CCUAUUGC	9251	GCAAUAGG CUGAUGAG GCCGUUAGGC CGAA AGAACCAU 2	27627
9684	1346	UGGUUCUU C CUAUUGCC	9252	GGCAAUAG CUGAUGAG GCCGUUAGGC CGAA AAGAACCA 2	27628
9687	1343	UUCUUCCU A UUGCCUUG	9253	CAAGGCAA CUGAUGAG GCCGUUAGGC CGAA AGGAAGAA 2	27629
9689	1341	CUUCCUAU U GCCUUGGU	9254	ACCAAGGC CUGAUGAG GCCGUUAGGC CGAA AUAGGAAG 2	27630
9694	1336	UAUUGCCU U GGUAGAGC	9255	GCUCUACC CUGAUGAG GCCGUUAGGC CGAA AGGCAAUA 2	27631
9698	1332	GCCUUGGU A GAGCAGGC	9256	GCCUGCUC CUGAUGAG GCCGUUAGGC CGAA ACCAAGGC 2	27632
9711	1319	AGGCAAAU U UGGCGCAU	9257		27633
9712	1318	GGCAAAUU U GGCGCAUG	9258		27634
9724	1306	GCAUGUGU C AAUGCUUC	9259		27635
9731	1299	UCAAUGCU U CCUUUGCC	9260		27636
9732	1298	CAAUGCUU C CUUUGCCA	9261		
9735	1295	UGCUUCCU U UGCCAAAU	9262		27637
					27638
9736	1294	GCUUCCUU U GCCAAAUA	9263		27639
9744	1286	UGCCAAAU A AUCCGCAG	9264		27640
9747	1283	CAAAUAAU C CGCAGCCG	9265		27641
9757	1273	GCAGCCGU U GCCCCAGC	9266		27642
9772	1258	GCCCCUGU C CACCACUC	9267	GAGUGGUG CUGAUGAG GCCGUUAGGC CGAA ACAGGGGC 2	27643
9780	1250	CCACCACU C CUUGUCUG	9268	CAGACAAG CUGAUGAG GCCGUUAGGC CGAA AGUGGUGG 2	27644
9783	1247	CCACUCCU U GUCUGCAC	9269	GUGCAGAC CUGAUGAG GCCGUUAGGC CGAA AGGAGUGG 2	27645
9786	1244	CUCCUUGU C UGCACACA	9270		27646
9805	1225	AGCUGGGU C AGCACGUU	9271	AACGUGCU CUGAUGAG GCCGUUAGGC CGAA ACCCAGCU 2	27647
9813	1217	CAGCACGU U UGUCAUUG	9272		27648
9814	1216	AGCACGUU U GUCAUUGU	9273		27649
9817	1213	ACGUUUGU C AUUGUGAG	9274		27650
9820	1210	UUUGUCAU U GUGAGCUU	9275		27651
9828	1202	UGUGAGCU U CUCCCAUG	9276		27652
9829	1201	GUGAGCUU C UCCCAUGG	9277		27653
9831	1199	GAGCUUCU C CCAUGGUC	9278		
9839	<del></del>	CCCAUGGU C GGGCACGC			27654
9852	1191		9279		27655
	1178	ACGCAGCU U UGGUGGAG	9280		27656
9853	1177	CGCAGCUU U GGUGGAGA	9281		27657
9865	1165	GGAGAGAU C GCUGACGG	9282		27658
9875	1155	CUGACGGU A GCCAAAUA	9283	UAUUUGGC CUGAUGAG GCCGUUAGGC CGAA ACCGUCAG 2	27659
9883	1147	AGCCAAAU A GCAAUAAC	9284	GUUAUUGC CUGAUGAG GCCGUUAGGC CGAA AUUUGGCU 2	27660
9889	1141	AUAGCAAU A ACUGCGGA	9285,_	UCCGCAGU CUGAUGAG GCCGUUAGGC CGAA AUUGCUAU 2	27661
9901	1129	GCGGACCU C UGCCAGGU	9286	ACCUGGCA CUGAUGAG GCCGUUAGGC CGAA AGGUCCGC 2	27662
9910	1120	UGCCAGGU U GACCGCCU	9287		27663
9919	1111	GACCGCCU C CAUAUUCA	9288		27664
9923	1107	GCCUCCAU A UUCAUCAU	9289		27665
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_		Table	VII
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				ole VIII		
9925	1105	CUCCAUAU U CAUCAUCU	9290	AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA AUAUGGAG 276	_	
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9929	1101	AUAUUCAU C AUCUUCAC	9292	GUGAAGAU CUGAUGAG GCCGUUAGGC CGAA AUGAAUAU 2760	68	
9932	1098	UUCAUCAU C UUCACAUC	9293	GAUGUGAA CUGAUGAG GCCGUUAGGC CGAA AUGAUGAA 276	69	
9934	1096	CAUCAUCU U CACAUCGA	9294	UCGAUGUG CUGAUGAG GCCGUUAGGC CGAA AGAUGAUG 276	70	
9935	1095	AUCAUCUU C ACAUCGAU	9295	AUCGAUGU CUGAUGAG GCCGUUAGGC CGAA AAGAUGAU 276	71	
9940	1090	CUUCACAU C GAUGGUAG	9296	CUACCAUC CUGAUGAG GCCGUUAGGC CGAA AUGUGAAG 276	72	
9947	1083	UCGAUGGU A GGCUUGUC	9297	GACAAGCC CUGAUGAG GCCGUUAGGC CGAA ACCAUCGA 276	73	
9952	1078	GGUAGGCU U GUCCUUAG	9298	CUAAGGAC CUGAUGAG GCCGUUAGGC CGAA AGCCUACC 276		
9955	1075	AGGCUUGU C CUUAGACA	9299	UGUCUAAG CUGAUGAG GCCGUUAGGC CGAA ACAAGCCU 276		
9958	1072	CUUGUCCU U AGACAUGA	9300	UCAUGUCU CUGAUGAG GCCGUUAGGC CGAA AGGACAAG 276	_	
		UUGUCCUU A GACAUGAU	9301	AUCAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGGACAA 276		
9959	1071		9302	UGCGUGAC CUGAUGAG GCCGUUAGGC CGAA AUCAUGUC 276		
9968	1062	GACAUGAU A GUCACGCA				
9971	1059	AUGAUAGU C ACGCAGCU	9303	AGCUGCGU CUGAUGAG GCCGUUAGGC CGAA ACUAUCAU 276		
9982	1048	GCAGCUGU C GCCUUCGA	9304	UCGAAGGC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 276	_	
9987	1043	UGUCGCCU U CGAGAACC	9305	GGUUCUCG CUGAUGAG GCCGUUAGGC CGAA AGGCGACA 276		
9988	1042	GUCGCCUU C GAGAACCA	9306	UGGUUCUC CUGAUGAG GCCGUUAGGC CGAA AAGGCGAC 276	—-₹	
10000	1030	AACCAAAU C CACCCAUG	9307	CAUGGGUG CUGAUGAG GCCGUUAGGC CGAA AUUUGGUU 276		
10010	1020	ACCCAUGU U GCUCCAGA	9308	UCUGGAGC CUGAUGAG GCCGUUAGGC CGAA ACAUGGGU 276		
10014	1016	AUGUUGCU C CAGACACU	9309	AGUGUCUG CUGAUGAG GCCGUUAGGC CGAA AGCAACAU 276	85	
10023	1007	CAGACACU C CUUCCAAG	9310	CUUGGAAG CUGAUGAG GCCGUUAGGC CGAA AGUGUCUG 276	86	
10026	1004	ACACUCCU U CCAAGAAG	9311	CUUCUUGG CUGAUGAG GCCGUUAGGC CGAA AGGAGUGU 276	87	
10027	1003	CACUCCUU C CAAGAAGU	9312	ACUUCUUG CUGAUGAG GCCGUUAGGC CGAA AAGGAGUG 276	88	
10036	994	CAAGAAGU C UCUGUUGC	9313	GCAACAGA CUGAUGAG GCCGUUAGGC CGAA ACUUCUUG 276	89	
10038	992	AGAAGUCU C UGUUGCUC	9314	GAGCAACA CUGAUGAG GCCGUUAGGC CGAA AGACUUCU 276	590	
10042	988	GUCUCUGU U GCUCAUUC	9315	GAAUGAGC CUGAUGAG GCCGUUAGGC CGAA ACAGAGAC 276	91	
10046	984	CUGUUGCU C AUUCCAAG	9316	CUUGGAAU CUGAUGAG GCCGUUAGGC CGAA AGCAACAG 276	592	
10049	981	UUGCUCAU U CCAAGGCA	9317	UGCCUUGG CUGAUGAG GCCGUUAGGC CGAA AUGAGCAA 276		
10050	980	UGCUCAUU C CAAGGCAG	9318	CUGCCUUG CUGAUGAG GCCGUUAGGC CGAA AAUGAGCA 276	_	
10060	970	AAGGCAGU U GAAGCUGU	9319	ACAGCUUC CUGAUGAG GCCGUUAGGC CGAA ACUGCCUU 276		
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-	938	AAAGCAAU A GCACGACA	9321	UGUCGUGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUUU 276		
10092						
10110	920	ACACAACU C UCUGCAUG	9322		$\overline{}$	
10112	918	ACAACUCU C UGCAUGGU	9323	ACCAUGCA CUGAUGAG GCCGUUAGGC CGAA AGAGUUGU 276		
10123	907	CAUGGUGU U GCUCCCAA	9324	UUGGGAGC CUGAUGAG GCCGUUAGGC CGAA ACACCAUG 277		
10127	903	GUGUUGCU C CCAAGCAU	9325	AUGCUUGG CUGAUGAG GCCGUUAGGC CGAA AGCAACAC 277		
10136	894	CCAAGCAU C CAACCAAU	9326	AUUGGUUG CUGAUGAG GCCGUUAGGC CGAA AUGCUUGG 277		
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCUGGA CUGAUGAG GCCGUUAGGC CGAA AUGCCCUG 277		
10167	863	GGGCAUAU C CAGGGUUC	9328	GAACCCUG CUGAUGAG GCCGUUAGGC CGAA AUAUGCCC 277		
10174	856	UCCAGGGU U CCUCAAGA	9329	UCUUGAGG CUGAUGAG GCCGUUAGGC CGAA ACCCUGGA 277	705	
10175	855	CCAGGGUU C CUCAAGAU	9330	AUCUUGAG CUGAUGAG GCCGUUAGGC CGAA AACCCUGG 277	706	
10178	852	GGGUUCCU C AAGAUCCA	9331	UGGAUCUU CUGAUGAG GCCGUUAGGC CGAA AGGAACCC 277	707	
10184	846	CUCAAGAU C CAUGAUUC	9332	GAAUCAUG CUGAUGAG GCCGUUAGGC CGAA AUCUUGAG 277	708	
10191	839	UCCAUGAU U CUGUUUUU	9333	AAAAACAG CUGAUGAG GCCGUUAGGC CGAA AUCAUGGA 277	709	
10192	838	CCAUGAUU C UGUUUUUA	9334	UAAAAACA CUGAUGAG GCCGUUAGGC CGAA AAUCAUGG 277	710	
10196	834	GAUUCUGU U UUUACCAA	9335	UUGGUAAA CUGAUGAG GCCGUUAGGC CGAA ACAGAAUC 277	711	
10197	833	AUUCUGUU U UUACCAAA	9336	UUUGGUAA CUGAUGAG GCCGUUAGGC CGAA AACAGAAU 277	712	
10198	832	UUCUGUUU U UACCAAAU	9337	AUUUGGUA CUGAUGAG GCCGUUAGGC CGAA AAACAGAA 277	_	
10199	831	UCUGUUUU U ACCAAAUA	9338	UAUUUGGU CUGAUGAG GCCGUUAGGC CGAA AAAACAGA 277	_	
10200	830	CUGUUUUU A CCAAAUAC	9339	GUAUUUGG CUGAUGAG GCCGUUAGGC CGAA AAAAACAG 277		
10207	823	UACCAAAU A CCUUGUGG	9340	CCACAAGG CUGAUGAG GCCGUUAGGC CGAA AUUUGGUA 277	-	
10207	819	AAAUACCU U GUGGCCUU	9341	AAGGCCAC CUGAUGAG GCCGUUAGGC CGAA AGGUAUUU 277		
10211			<del></del>			
		UGUGGCCU U GGUGCUGU	9342			
10228	802	GGUGCUGU C CAUCCAAG	9343	CUUGGAUG CUGAUGAG GCCGUUAGGC CGAA ACAGCACC 277		
10232	798	CUGUCCAU C CAAGCCCC	9344	GGGGCUUG CUGAUGAG GCCGUUAGGC CGAA AUGGACAG 277		
10243	787	AGCCCCU U CUUGUUCG	9345	CGAACAAG CUGAUGAG GCCGUUAGGC CGAA AGGGGGCU 277		
10244	786	GCCCCCUU C UUGUUCGC	9346	GCGAACAA CUGAUGAG GCCGUUAGGC CGAA AAGGGGGC 277		
10246	784	CCCCUUCU U GUUCGCUA	9347	UAGCGAAC CUGAUGAG GCCGUUAGGC CGAA AGAAGGGG 277	723	
10249	781	CUUCUUGU U CGCUAGAG	9348	CUCUAGCG CUGAUGAG GCCGUUAGGC CGAA ACAAGAAG 277	724	
10250	780	UUCUUGUU C GCUAGAGU	9349	ACUCUAGO CUGAUGAG GCCGUUAGGO CGAA AACAAGAA 277	725	
10254	776	UGUUCGCU A GAGUGCUU	9350	AAGCACUC CUGAUGAG GCCGUUAGGC CGAA AGCGAACA 277	726	
10262	768	AGAGUGCU U UCUCCGUG	9351	CACGGAGA CUGAUGAG GCCGUUAGGC CGAA AGCACUCU 277	727	

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				e VIII  ACACCEGAG CHGANGAG GCCGUNAGGC CGAA AAGCACUC 2772	ลา
10263	767	GAGUGCUU U CUCCGUGU	9352	ACACGGAG CUGAUGAG GCCGUUAGGC CGAA AAGCACUC 2772 CACACGGA CUGAUGAG GCCGUUAGGC CGAA AAAGCACU 2772	
10264	766	AGUGCUUU C UCCGUGUG	9353		_
10266	764	NGCONNCO C CANGUANC	9354	Character transfer to the contract of the cont	
10274	756	CCGUGUGU C UGCACUGU	9355	ACAGOOCI COCIDEIO GOOGOTION TOIL INCIDENCE TO	
10283	747	UGCACUGU C AGUGACCU	9356	ACCOURTE CONTINUE CON	_
10292	738	AGUGACCU C CGACUGCG	9357	COCAGOCO COCIOCIO COCOCOCO	—
10302	728	GACUGCGU C UUGAGUGG	9358	CCACUCAA CUGAUGAG GCCGUUAGGC CGAA ACGCAGUC 2773	_
10304	726	CUGCGUCU U GAGUGGCG	9359	COCCACOC COCACATA COCACATA	
10316	714	UGGCGUGU C UUGGUGCA	9360	Oddicari codiodia <u>cododiioda</u>	_
10318	712	GCGUGUCU U GGUGCAUC	9361	GAOGCACC COCHOGIO CCCCCCIACO	_
10326	704	UGGUGCAU C UUCCAUAC	9362		_
10328	702	GUGCAUCU U CCAUACCU	9363	ACCOMPCE COLLEGE COLLEGE	
10329	701	UGCAUCUU C CAUACCUG	9364	G10001100 C0G110G10 <u>E00100110</u> 0	
10333	697	UCUUCCAU A CCUGACGU	9365	According comments	_
10342	688	CCUGACGU A GACUGCUG	9366	GRG-1000 000-100-100-100-100-100-100-100-10	
10354	676	UGCUGACU U UGUGCACC	9367	COUCLIG. COLLISION STORY	_
10355	675	GCUGACUU U GUGCACCA	9368	booodii comitaii <u>statuinis</u>	_
10369	661	CCAACAGU C GAUGUCUU	9369	ANDREAGE COLLECTION CONTRACTOR COLLECTION	
10375	655	GUCGAUGU C UUCUGGAU	9370	.iocalica.	_
10377	653	CGAUGUCU U CUGGAUCA	9371	OGAGECIA COCIDATO COCOSTO	_
10378	652	GAUGUCUU C UGGAUCAU	9372	Abditional Country Country	_
10384	646	UUCUGGAU C AUUACCAG	9373	COCCONNIC COCCIOCATO COCCOCIOCO	
10387	643	UGGAUCAU U ACCAGCCG	9374		
10388	642	GGAUCAUU A CCAGCCGA	9375	Cooccoc Country Countr	
10410	620	CUGGGCAU U CAUAAGUG	9376	CACUUAUG CUGAUGAG GCCGUUAGGC CGAA AUGCCCAG 2775 UCACUUAU CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA 2775	
10411	619	UGGGCAUU C AUAAGUGA	9377	CUAUCACU CUGAUGAG GCCGUUAGGC CGAA AAUGCCCA 2773	_
10414	616	GCAUUCAU A AGUGAUAG	9378	GAUGAUAC CUGAUGAG GCCGUUAGGC CGAA AUGAAUGC 2773	
10421	609	UAAGUGAU A GUAUCAUC	9379	UGCGAUGA CUGAUGAG GCCGUUAGGC CGAA ACCACGGA 2773	
10424	606	GUGAUAGU A UCAUCGCA	9380	UGUGCGAU CUGAUGAG GCCGUUAGGC CGAA ACCUAUC 277	
10426	604	GAUAGUAU C AUCGCACA	9381	ACAUGUGC CUGAUGAG GCCGUUAGGC CGAA AUGAUACU 277	_
10429	601	AGUAUCAU C GCACAUGU	9382	ACAUGUGG CUGAUGAG GCCGUUAGGC CGAA AUGAUACG 2773  AUGUGGGA CUGAUGAG GCCGUUAGGC CGAA ACAUGUGC 2773	
10438	592	GCACAUGU A UCCCACAU	9383	GGAUGUGG CUGAUGAG GCCGUUAGGC CGAA AUACAUGU 2770	
10440	590	ACAUGUAU C CCACAUCC	9384	GAGCAAUG CUGAUGAG GCCGUUAGGC CGAA AUGUGGGA 2770	
10447	583	UCCCACAU C CAUUGCUC	9386	GUCAGAGC CUGAUGAG GCCGUUAGGC CGAA AUGGAUGU 2770	
10451	579	ACAUCCAU U GCUCUGAC	9387	CAUUGUCA CUGAUGAG GCCGUUAGGC CGAA AGCAAUGG 277	
10455	575	CCAUUGCU C UGACAAUG CAAUGCAU A GGUUCUUU	9388	AAAGAACC CUGAUGAG GCCGUUAGGC CGAA AUGCAUUG 277	_
10467	563	GCAUAGGU U CUUUCCAG	9389	CUGGAAAG CUGAUGAG GCCGUUAGGC CGAA ACCUAUGC 277	
10471	559	CAUAGGUU C UUUCCAGC	9390	GCUGGAAA CUGAUGAG GCCGUUAGGC CGAA AACCUAUG 277	
10472	558	UAGGUUCU U UCCAGCAG	9391	CUGCUGGA CUGAUGAG GCCGUUAGGC CGAA AGAACCUA 277	
10474	556	AGGUUCUU U CCAGCAGC	9392	GCUGCUGG CUGAUGAG GCCGUUAGGC CGAA AAGAACCU 277	_
10475	555	GGUUCUUU C CAGCAGCU	9393	AGCUGCUG CUGAUGAG GCCGUUAGGC CGAA AAAGAACC 277	
10476	554	GCAGCUGU U GGAAUCGU	9394	ACGAUUCC CUGAUGAG GCCGUUAGGC CGAA ACAGCUGC 277	
10487	543	GUUGGAAU C GUGAUGAC	9395	GUCAUCAC CUGAUGAG GCCGUUAGGC CGAA AUUCCAAC 277	
10504	526	GAUGACAU C UGUGACGU	9396	ACGUCACA CUGAUGAG GCCGUUAGGC CGAA AUGUCAUC 277	
10513	517	UGUGACGU C AGUAGCAU	9397	AUGCUACU CUGAUGAG GCCGUUAGGC CGAA ACGUCACA 277	_
10517		ACGUCAGU A GCAUUUAC	9398	GUAAAUGC CUGAUGAG GCCGUUAGGC CGAA ACUGACGU 277	
10522	508	AGUAGCAU U UACCGUCA	9399	UGACGGUA CUGAUGAG GCCGUUAGGC CGAA AUGCUACU 277	75
10523		GUAGCAUU U ACCGUCAU	9400	AUGACGGU CUGAUGAG GCCGUUAGGC CGAA AAUGCUAC 277	76
10524		UAGCAUUU A CCGUCAUC	9401	GAUGACGG CUGAUGAG GCCGUUAGGC CGAA AAAUGCUA 277	77
10529	<del> </del>	UUUACCGU C AUCAUCAC	9402	GUGAUGAU CUGAUGAG GCCGUUAGGC CGAA ACGGUAAA 277	78
10523		ACCGUCAU C AUCACCUU	9403	AAGGUGAU CUGAUGAG GCCGUUAGGC CGAA AUGACGGU 277	
10535		GUCAUCAU C ACCUUCCC	9404	GGGAAGGU CUGAUGAG GCCGUUAGGC CGAA AUGAUGAC 277	
10540	<del></del>	CAUCACCU U CCCUUGGA	9405	UCCAAGGG CUGAUGAG GCCGUUAGGC CGAA AGGUGAUG 277	_
10541	<del></del>	AUCACCUU C CCUUGGAA	9406	UUCCAAGG CUGAUGAG GCCGUUAGGC CGAA AAGGUGAU 277	
10545	<del></del>	CCUUCCCU U GGAAGUUA	9407	UAACUUCC CUGAUGAG GCCGUUAGGC CGAA AGGGAAGG 277	
10552		UUGGAAGU U AGAGAGGG	9408	CCCUCUCU CUGAUGAG GCCGUUAGGC CGAA ACUUCCAA 277	
10553	<del></del>	UGGAAGUU A GAGAGGGU	9409	ACCCUCUC CUGAUGAG GCCGUUAGGC CGAA AACUUCCA 277	
10562		GAGAGGGU A ACUGCUCC	9410	GGAGCAGU CUGAUGAG GCCGUUAGGC CGAA ACCCUCUC 277	86
10569		UAACUGCU C CUACGCUG	9411	CAGCGUAG CUGAUGAG GCCGUUAGGC CGAA AGCAGUUA 277	87
10572		CUGCUCCU A CGCUGGCG	9412	CGCCAGCG CUGAUGAG GCCGUUAGGC CGAA AGGAGCAG 277	88
10583	447	CUGGCGAU C AGGCCAAU	9413	AUUGGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGCCAG 277	
	1 -1/				

	VI O 02/0		Table	eVIII	
10592	438	AGGCCAAU C AUGACUGC	9414	GCAGUCAU CUGAUGAG GCCGUUAGGC CGAA AUUGGCCU	27790
10604	426	ACUGCAAU U CCGGUCUU	9415	AAGACCGG CUGAUGAG GCCGUUAGGC CGAA AUUGCAGU	27791
10605	425	CUGCAAUU C CGGUCUUU	9416	AAAGACCG CUGAUGAG GCCGUUAGGC CGAA AAUUGCAG	27792
10610	420	AUUCCGGU C UUUCCUCC	9417	GGAGGAAA CUGAUGAG GCCGUUAGGC CGAA ACCGGAAU	27793
10612	418	UCCGGUCU U UCCUCCUC	9418	GAGGAGGA CUGAUGAG GCCGUUAGGC CGAA AGACCGGA	27794
10613	417	ccggucuu u ccuccucu	9419	AGAGGAGG CUGAUGAG GCCGUUAGGC CGAA AAGACCGG	27795
10614	416	CGGUCUUU C CUCCUCUU	9420	AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA AAAGACCG	27796
10617	413	ncharca c cacanage	9421	GAAAAGAG CUGAUGAG GCCGUUAGGC CGAA AGGAAAGA	27797
10620	410	nnccnccn c nnnncnn	9422	AAAGAAAA CUGAUGAG GCCGUUAGGC CGAA AGGAGGAA	27798
10622	408	CCUCCUCU U UUCUUUUG	9423	CAAAAGAA CUGAUGAG GCCGUUAGGC CGAA AGAGGAGG	27799
10623	407	CUCCUCUU U UCUUUUGU	9424	ACAAAAGA CUGAUGAG GCCGUUAGGC CGAA AAGAGGAG	27800
10624	406	nccncnnn n cnnnnenn	9425	AACAAAAG CUGAUGAG GCCGUUAGGC CGAA AAAGAGGA	27801
10625	405	CCUCUUUU C UUUUGUUU	9426	AAACAAAA CUGAUGAG GCCGUUAGGC CGAA AAAAGAGG	27802
10627	403	טכטטטטכט ט טטפטטטט <b>פ</b>	9427	CAAAACAA CUGAUGAG GCCGUUAGGC CGAA AGAAAAGA	27803
10628	402	CUUUUCUU U UGUUUUGA	9428	UCAAAACA CUGAUGAG GCCGUUAGGC CGAA AAGAAAAG	27804
10629	401	UUUUCUUU U GUUUUGAG	9429	CUCAAAAC CUGAUGAG GCCGUUAGGC CGAA AAAGAAAA	27805
10632	398	UCUUUUGU U UUGAGCUC	9430	GAGCUCAA CUGAUGAG GCCGUUAGGC CGAA ACAAAAGA	27806
10633	397	CUUUUGUU U UGAGCUCC	9431	GGAGCUCA CUGAUGAG GCCGUUAGGC CGAA AACAAAAG	27807
10634	396	UUUUGUUU U GAGCUCCG	9432	CGGAGCUC CUGAUGAG GCCGUUAGGC CGAA AAACAAAA	27808
10640	390	UUUGAGCU C CGCCGAUU	9433	AAUCGGCG CUGAUGAG GCCGUUAGGC CGAA AGCUCAAA	27809
10648	382	CCGCCGAU U GAUAGCAC	9434	GUGCUAUC CUGAUGAG GCCGUUAGGC CGAA AUCGGCGG	27810
10652	378	CGAUUGAU A GCACUGGU	9435	ACCAGUGC CUGAUGAG GCCGUUAGGC CGAA AUCAAUCG	27811
10661	369	GCACUGGU C AAGGUCCC	9436	GGGACCUU CUGAUGAG GCCGUUAGGC CGAA ACCAGUGC	27812
10667	363	GUCAAGGU C CCUAGUUC	9437	GAACUAGG CUGAUGAG GCCGUUAGGC CGAA ACCUUGAC	27813
10671	359	AGGUCCCU A GUUCCUUC	9438	GAAGGAAC CUGAUGAG GCCGUUAGGC CGAA AGGGACCU	27814
10674	356	UCCCUAGU U CCUUCUUA	9439	UAAGAAGG CUGAUGAG GCCGUUAGGC CGAA ACUAGGGA	27815
10675	355	CCCUAGUU C CUUCUUAA	9440	UUAAGAAG CUGAUGAG GCCGUUAGGC CGAA AACUAGGG	27816
10678	352	UAGUUCCU U CUUAAAAC	9441	GUUUUAAG CUGAUGAG GCCGUUAGGC CGAA AGGAACUA	27817
10679	351	AGUUCCUU C UUAAAACU	9442	AGUUUUAA CUGAUGAG GCCGUUAGGC CGAA AAGGAACU	27818
10681	349	UUCCUUCU U AAAACUCA	9443	UGAGUUUU CUGAUGAG GCCGUUAGGC CGAA AGAAGGAA	27819
10682	348	UCCUUCUU A AAACUCAG	9444	CUGAGUUU CUGAUGAG GCCGUUAGGC CGAA AAGAAGGA	27820
10688	342	UUAAAACU C AGAAGGUG	9445	CACCUUCU CUGAUGAG GCCGUUAGGC CGAA AGUUUUAA	27821
10698	332	GAAGGUGU U UCAUCGCU	9446	AGCGAUGA CUGAUGAG GCCGUUAGGC CGAA ACACCUUC	27822
10699	331	AAGGUGUU U CAUCGCUG	9447	CAGCGAUG CUGAUGAG GCCGUUAGGC CGAA AACACCUU	27823
10700	330	AGGUGUUU C AUCGCUGU	9448	ACAGCGAU CUGAUGAG GCCGUUAGGC CGAA AAACACCU	27824
10703	327	UGUUUCAU C GCUGUUUG	9449	CAAACAGC CUGAUGAG GCCGUUAGGC CGAA AUGAAACA	27825
10709	321	AUCGCUGU U UGUUUGUU	9450	AACAAACA CUGAUGAG GCCGUUAGGC CGAA ACAGCGAU	27826
10710	320	UCGCUGUU U GUUUGUUC	9451	GAACAAAC CUGAUGAG GCCGUUAGGC CGAA AACAGCGA	27827
10713	317	CUGUUUGU U UGUUCACA	9452	UGUGAACA CUGAUGAG GCCGUUAGGC CGAA ACAAACAG	27828
10714	316	UGUUUGUU U GUUCACAC	9453	GUGUGAAC CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27829
10717	313	UUGUUUGU U CACACCUC	9454	GAGGUGUG CUGAUGAG GCCGUUAGGC CGAA ACAAACAA	27830
10718	312	UGUUUGUU C ACACCUCU	9455	AGAGGUGU CUGAUGAG GCCGUUAGGC CGAA AACAAACA	27831
10725	305	UCACACCU C UCCAUCGA	9456	UCGAUGGA CUGAUGAG GCCGUUAGGC CGAA AGGUGUGA	27832
10727	303	ACACCUCU C CAUCGAUC	9457	GAUCGAUG CUGAUGAG GCCGUUAGGC CGAA AGAGGUGU	27833
10731	299	CUCUCCAU C GAUCCAGC	9458	GCUGGAUC CUGAUGAG GCCGUUAGGC CGAA AUGGAGAG	27834
10735	295	CCAUCGAU C CAGCACUG	9459	CAGUGCUG CUGAUGAG GCCGUUAGGC CGAA AUCGAUGG	27835
10746	284	GCACUGCU C GGGUCGGA	9460	UCCGACCC CUGAUGAG GCCGUUAGGC CGAA AGCAGUGC	27836
10751	279	GCUCGGGU C GGAGCAAU	9461	AUUGCUCC CUGAUGAG GCCGUUAGGC CGAA ACCCGAGC	27837
10760	270	GGAGCAAU U GCUGUGAA	9462	UUCACAGC CUGAUGAG GCCGUUAGGC CGAA AUUGCUCC	27838
10800	230	ACACAAAU C GUAUUGGC	9463	GCCAAUAC CUGAUGAG GCCGUUAGGC CGAA AUUUGUGU	27839
10803	227	CAAAUCGU A UUGGCCCC	9464	GGGGCCAA CUGAUGAG GCCGUUAGGC CGAA ACGAUUUG	27840
10805	225	AAUCGUAU U GGCCCCUU	9465	AAGGGGCC CUGAUGAG GCCGUUAGGC CGAA AUACGAUU	27841
10813	217	UGGCCCCU U GCCGUCGA	9466	UCGACGGC CUGAUGAG GCCGUUAGGC CGAA AGGGGCCA	27842
10819	211	CUUGCCGU C GAUCAGGC	9467	GCCUGAUC CUGAUGAG GCCGUUAGGC CGAA ACGGCAAG	27843
10823	207	CCGUCGAU C AGGCUCAA	9468	UUGAGCCU CUGAUGAG GCCGUUAGGC CGAA AUCGACGG	27844
10829	201	AUCAGGCU C AACAUAGC	9469	GCUAUGUU CUGAUGAG GCCGUUAGGC CGAA AGCCUGAU	27845
10835	195	CUCAACAU A GCCCUCUU	9470	AAGAGGGC CUGAUGAG GCCGUUAGGC CGAA AUGUUGAG	27846
10841	189	AUAGCCCU C UUCAGUCC	9471	GGACUGAA CUGAUGAG GCCGUUAGGC CGAA AGGGCUAU	27847
10843	187	AGCCCUCU U CAGUCCAA	9472	UUGGACUG CUGAUGAG GCCGUUAGGC CGAA AGAGGGCU	27848
10844	186	GCCCUCUU C AGUCCAAU	9473	AUUGGACU CUGAUGAG GCCGUUAGGC CGAA AAGAGGGC	27849
10848	182	UCUUCAGU C CAAUCAAG	9474	CUUGAUUG CUGAUGAG GCCGUUAGGC CGAA ACUGAAGA	27850
10853		AGUCCAAU C AAGGACAA	9475	UUGUCCUU CUGAUGAG GCCGUUAGGC CGAA AUUGGACU	27851
				<u> </u>	

#### Table VIII

10874	156	CGGGGCAU U CCGCGUUU	9476	AAACGCGG CUGAUGAG GCCGUUAGGC CGAA AUGCCCCG	27852
10875	155	GGGGCAUU C CGCGUUUU	9477	AAAACGCG CUGAUGAG GCCGUUAGGC CGAA AAUGCCCC	27853
10881	149	UUCCGCGU U UUAGCAUA	9478	UAUGCUAA CUGAUGAG GCCGUUAGGC CGAA ACGCGGAA	27854
10882	148	UCCGCGUU U UAGCAUAU	9479	AUAUGCUA CUGAUGAG GCCGUUAGGC CGAA AACGCGGA	27855
10883	147	CCGCGUUU U AGCAUAUU	9480	AAUAUGCU CUGAUGAG GCCGUUAGGC CGAA AAACGCGG	27856
10884	146	CGCGUUUU A GCAUAUUG	9481	CAAUAUGC CUGAUGAG GCCGUUAGGC CGAA AAAACGCG	27857
10889	141	UUUAGCAU A UUGACAGC	9482	GCUGUCAA CUGAUGAG GCCGUUAGGC CGAA AUGCUAAA	27858
10891	139	UAGCAUAU U GACAGCCC	9483	GGGCUGUC CUGAUGAG GCCGUUAGGC CGAA AUAUGCUA	27859
10904	126	GCCCGGCU C UUGCCGGG	9484	CCCGGCAA CUGAUGAG GCCGUUAGGC CGAA AGCCGGGC	27860
10906	124	CCGGCUCU U GCCGGGCC	9485	GGCCCGGC CUGAUGAG GCCGUUAGGC CGAA AGAGCCGG	27861
10917	113	CGGGCCCU C CUGGUUUC	9486	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA AGGGCCCG	27862
10923	107	CUCCUGGU U UCUUAGAC	9487	GUCUAAGA CUGAUGAG GCCGUUAGGC CGAA ACCAGGAG	27863
10924	106	UCCUGGUU U CUUAGACA	9488	UGUCUAAG CUGAUGAG GCCGUUAGGC CGAA AACCAGGA	27864
10925	105	CCUGGUUU C UUAGACAU	9489	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA AAACCAGG	27865
10927	103	UGGUUUCU U AGACAUCG	9490	CGAUGUCU CUGAUGAG GCCGUUAGGC CGAA AGAAACCA	27866
10928	102	GGUUUCUU A GACAUCGA	9491	UCGAUGUC CUGAUGAG GCCGUUAGGC CGAA AAGAAACC	27867
10934	96	UUAGACAU C GAGAUCUU	9492	AAGAUCUC CUGAUGAG GCCGUUAGGC CGAA AUGUCUAA	27868
10940	90	AUCGAGAU C UUCGUGCU	9493	AGCACGAA CUGAUGAG GCCGUUAGGC CGAA AUCUCGAU	27869
10942	88	CGAGAUCU U CGUGCUAA	9494	UUAGCACG CUGAUGAG GCCGUUAGGC CGAA AGAUCUCG	27870
10943	87	GAGAUCUU C GUGCUAAG	9495	CUUAGCAC CUGAUGAG GCCGUUAGGC CGAA AAGAUCUC	27871
10949	81	UUCGUGCU A AGAAACAG	9496	CUGUUUCU CUGAUGAG GCCGUUAGGC CGAA AGCACGAA	27872
10960	70	AAACAGCU C GCACUGUG	9497	CACAGUGC CUGAUGAG GCCGUUAGGC CGAA AGCUGUUU	27873
10970	60	CACUGUGU U AAUUGUUG	9498	CAACAAUU CUGAUGAG GCCGUUAGGC CGAA ACACAGUG	27874
10971	59	ACUGUGUU A AUUGUUGU	9499	ACAACAAU CUGAUGAG GCCGUUAGGC CGAA AACACAGU	27875
10974	56	GUGUUAAU U GUUGUUAA	9500	UUAACAAC CUGAUGAG GCCGUUAGGC CGAA AUUAACAC	27876
10977	53	UUAAUUGU U GUUAAUCC	9501	GGAUUAAC CUGAUGAG GCCGUUAGGC CGAA ACAAUUAA	27877
10980	50	AUUGUUGU U AAUCCUCA	9502	UGAGGAUU CUGAUGAG GCCGUUAGGC CGAA ACAACAAU	27878
10981	49	UUGUUGUU A AUCCUCAC	9503	GUGAGGAU CUGAUGAG GCCGUUAGGC CGAA AACAACAA	27879
10984	46	UUGUUAAU C CUCACAAA	9504	UUUGUGAG CUGAUGAG GCCGUUAGGC CGAA AUUAACAA	27880
10987	43	UUAAUCCU C ACAAACAC	9505	GUGUUUGU CUGAUGAG GCCGUUAGGC CGAA AGGAUUAA	27881
10997	33	CAAACACU A CUAAGUUU	9506	AAACUUAG CUGAUGAG GCCGUUAGGC CGAA AGUGUUUG	27882
11000	30	ACACUACU A AGUUUGUC	9507	GACAAACU CUGAUGAG GCCGUUAGGC CGAA AGUAGUGU	27883
11004	26	UACUAAGU U UGUCAGCU	9508	AGCUGACA CUGAUGAG GCCGUUAGGC CGAA ACUUAGUA	27884
11005	25	ACUAAGUU U GUCAGCUC	9509	GAGCUGAC CUGAUGAG GCCGUUAGGC CGAA AACUUAGU	27885
11008	22	AAGUUUGU C AGCUCACA	9510	UGUGAGCU CUGAUGAG GCCGUUAGGC CGAA ACAAACUU	27886
11013	17	UGUCAGCU C ACACAGGC	9511	GCCUGUGU CUGAUGAG GCCGUUAGGC CGAA AGCUGACA	27887

Input Sequence = AF196835\_rc. Cut

Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG X CGAA (X = GCCGUUAGGC or other stem II)

stem II)
AF196835\_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

Table IX: WNV minus strand Inozyme and Target Sequence

Pos	Pos (+str)	Substrate	Seg ID	Ribozyme	Rz Seq
14	11016	CUGUGUUC U CGCACCAC	9512	GUGGUGCG CUGAUGAG GCCGUUAGGC CGAA IAACACAG	27888
18	11012	GUUCUCGC A CCACCAGC	9513	GCUGGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAGAAC	27889
20	11010	UCUCGCAC C ACCAGCCA	9514	UGGCUGGU CUGAUGAG GCCGUUAGGC CGAA IUGCGAGA	27890
21	11009	CUCGCACC A CCAGCCAC	9515	GUGGCUGG CUGAUGAG GCCGUUAGGC CGAA IGUGCGAG	27891
23	11007	CGCACCAC C AGCCACCA	9516	UGGUGGCU CUGAUGAG GCCGUUAGGC CGAA IUGGUGCG	27892
24	11006	GCACCACC A GCCACCAU	9517	AUGGUGGC CUGAUGAG GCCGUUAGGC CGAA IGUGGUGC	27893
27	11003	CCACCAGC C ACCAUUGU	9518	ACAAUGGU CUGAUGAG GCCGUUAGGC CGAA ICUGGUGG	27894
28	11002	CACCAGCC A CCAUUGUC	9519	GACAAUGG CUGAUGAG GCCGUUAGGC CGAA IGCUGGUG	27895
30	11000	CCAGCCAC C AUUGUCGG	9520	CCGACAAU CUGAUGAG GCCGUUAGGC CGAA IUGGCUGG	27896
31	10999	CAGCCACC A UUGUCGGC	9521	GCCGACAA CUGAUGAG GCCGUUAGGC CGAA IGUGGCUG	27897
42	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG CUGAUGAG GCCGUUAGGC CGAA ICGCCGAC	27898
44	10986	CGGCGCAC U GUGCCGUG	9523	CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGCGCCG	27899
49	10981	CACUGUGC C GUGUGGCU	9524	AGCCACAC CUGAUGAG GCCGUUAGGC CGAA ICACAGUG	27900
57	10973	CGUGUGGC U GGUUGUGC	9525	GCACAACC CUGAUGAG GCCGUUAGGC CGAA ICCACACG	27901
66	10964	GGUUGUGC A GAGCAGAA	9526	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA ICACAACC	27902
71	10959	UGCAGAGC A GAAGAUCU	9527	AGAUCUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGCA	27903
79	10951	AGAAGAUC U CCUAGUCU	9528	AGACUAGG CUGAUGAG GCCGUUAGGC CGAA IAUCUUCU	27904
81	10949	AAGAUCUC C UAGUCUAU	9529	AUAGACUA CUGAUGAG GCCGUUAGGC CGAA IAGAUCUU	27905
82	10948	AGAUCUCC U AGUCUAUC	9530	GAUAGACU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCU	27906
87	10943	UCCUAGUC U AUCCCAGG	9531	CCUGGGAU CUGAUGAG GCCGUUAGGC CGAA IACUAGGA	27907
91	10939	AGUCUAUC C CAGGUGUC	9532	GACACCUG CUGAUGAG GCCGUUAGGC CGAA IAUAGACU	27908
92	10938	GUCUAUCC C AGGUGUCA	9533	UGACACCU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAC	27909
93	10937	UCUAUCCC A GGUGUCAA	9534	UUGACACC CUGAUGAG GCCGUUAGGC CGAA IGGAUAGA	27910
100	10930	CAGGUGUC A AUAUGCUG	9535	CAGCAUAU CUGAUGAG GCCGUUAGGC CGAA IACACCUG	27911
107	10923	CAAUAUGC U GUUUUGUU	9536	AACAAAAC CUGAUGAG GCCGUUAGGC CGAA ICAUAUUG	27912
131	10899	UUUGUGGC A CGGGGUCU	9537	AGACCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACAAA	27913
139	10891	ACGGGGUC U CCACUAAC	9538	GUUAGUGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGU	27914
141	10889	GGGGUCUC C ACUAACCU	9539	AGGUUAGU CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27915
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
144	10886	GUCUCCAC U AACCUCUA	9541	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IUGGAGAC	27917
148	10882	CCACUAAC C UCUAGUCC	9542	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGUGG	27918
149	10881	CACUAACC U CUAGUCCU	9543	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGUG	27919
151	10879	CUAACCUC U AGUCCUUC	9544	GAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27920
156	10874	CUCUAGUC C UUCCCCUG	9545	CAGGGGAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27921
157	10873	UCUAGUCC U UCCCCUGA	9546	UCAGGGGA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27922
160	10870	AGUCCUUC C CCUGACCU	9547	AGGUCAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGACU	27923
161	10869	GUCCUUCC C CUGACCUA	9548	UAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAC	27924
162	10868	UCCUUCCC C UGACCUAC	9549	GUAGGUCA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	27925
163	10867	CCUUCCCC U GACCUACA	9550	UGUAGGUC CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	27926
167	10863	CCCCUGAC C UACAGCUU	9551	AAGCUGUA CUGAUGAG GCCGUUAGGC CGAA IUCAGGGG	27927
168	10862	CCCUGACC U ACAGCUUC	9552	GAAGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUCAGGG	27928
171	10859	UGACCUAC A GCUUCAGU	9553	ACUGAAGC CUGAUGAG GCCGUUAGGC CGAA IUAGGUCA	27929
174	10856	CCUACAGC U UCAGUCAG	9554	CUGACUGA CUGAUGAG GCCGUUAGGC CGAA ICUGUAGG	27930
177	10853	ACAGCUUC A GUCAGGCU	9555	AGCCUGAC CUGAUGAG GCCGUUAGGC CGAA IAAGCUGU	27931
181	10849	CUUCAGUC A GGCUGGGC	9556	GCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IACUGAAG	27932
185	10845	AGUCAGGC U GGGCCGUG	9557	CACGGCCC CUGAUGAG GCCGUUAGGC CGAA ICCUGACU	27933
190	10840	GGCUGGGC C GUGCACUU	9558	AAGUGCAC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCC	27934
195	10835	GGCCGUGC A CUUUAAAC	9559	GUUUAAAG CUGAUGAG GCCGUUAGGC CGAA ICACGGCC	27935
197	10833	CCGUGCAC U UUAAACCG	9560	CGGUUUAA CUGAUGAG GCCGUUAGGC CGAA IUGCACGG	27936
204	10826	CUUUAAAC C GCGGGGUC	9561	GACCCCGC CUGAUGAG GCCGUUAGGC CGAA IUUUAAAG	27937
213	10817	GCGGGGUC U CCUCUAAC	9562	GUUAGAGG CUGAUGAG GCCGUUAGGC CGAA IACCCCGC	27938
215	10815	GGGGUCUC C UCUAACCU	9563	AGGUUAGA CUGAUGAG GCCGUUAGGC CGAA IAGACCCC	27939
216	10814	GGGUCUCC U CUAACCUC	9564	GAGGUUAG CUGAUGAG GCCGUUAGGC CGAA IGAGACCC	27916
218	10812	GUCUCCUC U AACCUCUA	9565	UAGAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	27940
222	10808	CCUCUAAC C UCUAGUCC	9566	GGACUAGA CUGAUGAG GCCGUUAGGC CGAA IUUAGAGG	27941
223	10807	CUCUAACC U CUAGUCCU	9567	AGGACUAG CUGAUGAG GCCGUUAGGC CGAA IGUUAGAG	27942
225	10805	CUAACCUC U AGUCCUUU	9568	AAAGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGUUAG	27943

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				1 adic 1X	
230	10800	CUCUAGUC C UUUCGCCC	9569	GGGCGAAA CUGAUGAG GCCGUUAGGC CGAA IACUAGAG	27944
231	10799	UCUAGUCC U UUCGCCCU	9570	AGGGCGAA CUGAUGAG GCCGUUAGGC CGAA IGACUAGA	27945
237	10793	CCUUUCGC C CUGGUUAA	9571	UUAACCAG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGG	27946
238	10792	CUUUCGCC C UGGUUAAC	9572	GUUAACCA CUGAUGAG GCCGUUAGGC CGAA IGCGAAAG	27947
239	10791	UUUCGCCC U GGUUAACA	9573	UGUUAACC CUGAUGAG GCCGUUAGGC CGAA IGGCGAAA	27948
247	10783	UGGUUAAC A CCAUUACC	9574	GGUAAUGG CUGAUGAG GCCGUUAGGC CGAA IUUAACCA	27949
249	10781	GUUAACAC C AUUACCGG	9575	CCGGUAAU CUGAUGAG GCCGUUAGGC CGAA IUGUUAAC	27950
250	10780	UUAACACC A UUACCGGG	9576	CCCGGUAA CUGAUGAG GCCGUUAGGC CGAA IGUGUUAA	27951
255	10775	ACCAUUAC C GGGGCUAG	9577	CUAGCCCC CUGAUGAG GCCGUUAGGC CGAA IUAAUGGU	27952
261	10769	ACCGGGGC U AGGGCCGC	9578	GCGGCCCU CUGAUGAG GCCGUUAGGC CGAA ICCCCGGU	27953
267	10763	GCUAGGGC C GCGUGGGG	9579	CCCCACGC CUGAUGAG GCCGUUAGGC CGAA ICCCUAGC	27954
287	10743	UGGUUUGC C UUUGUUAA	9580	UUAACAAA CUGAUGAG GCCGUUAGGC CGAA ICAAACCA	
288	10742	GGUUUGCC U UUGUUAAC	9581	GUUAACAA CUGAUGAG GCCGUUAGGC CGAA IGCAAACC	27955
297	10733	UUGUUAAC C CAGUCCUC	9582	GAGGACUG CUGAUGAG GCCGUUAGGC CGAA IUUAACAA	27956
298	10732	UGUUAACC C AGUCCUCC	9583	GGAGGACU CUGAUGAG GCCGUUAGGC CGAA IUUAACAA GGAGGACU CUGAUGAG GCCGUUAGGC CGAA IGUUAACA	27957
299	10731	GUUAACCC A GUCCUCCU	9584		27958
303	10727	ACCCAGUC C UCCUGGGG	9585	AGGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGGUUAAC	27959
457	10573	ACCCAGUC C UCCUGGGG		CCCCAGGA CUGAUGAG GCCGUUAGGC CGAA TACUGGGU	27960
304	10726	<del></del>	9585	CCCCAGGA CUGAUGAG GCCGUUAGGC CGAA IACUGGGU	27960
304	<del></del>	CCCAGUCC U CCUGGGGC	9586	GCCCCAGG CUGAUGAG GCCGUUAGGC CGAA IGACUGGG	27961
	10724	CAGUCCUC C UGGGGCAC	9587	GUGCCCCA CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	27962
307	10723	AGUCCUCC U GGGGCACU	9588	AGUGCCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGACU	27963
313	10717	CCUGGGGC A CUAUCGCA	9589	UGCGAUAG CUGAUGAG GCCGUUAGGC CGAA ICCCCAGG	27964
315	10715	UGGGGCAC U AUCGCAGA	9590	UCUGCGAU CUGAUGAG GCCGUUAGGC CGAA IUGCCCCA	27965
321	10709	ACUAUCGC A GACUGCAC	9591	GUGCAGUC CUGAUGAG GCCGUUAGGC CGAA ICGAUAGU	27966
325	10705	UCGCAGAC U GCACUCUC	9592	GAGAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUGCGA	27967
328	10702	CAGACUGC A CUCUCCGC	9593	GCGGAGAG CUGAUGAG GCCGUUAGGC CGAA ICAGUCUG	27968
330	10700	GACUGCAC U CUCCGCAG	9594	CUGCGGAG CUGAUGAG GCCGUUAGGC CGAA IUGCAGUC	27969
332	10698	CUGCACUC U CCGCAGAG	9595	CUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG	27970
334	10696	GCACUCUC C GCAGAGUA	9596	UACUCUGC CUGAUGAG GCCGUUAGGC CGAA IAGAGUGC	27971
337	10693	CUCUCCGC A GAGUAGCA	9597	UGCUACUC CUGAUGAG GCCGUUAGGC CGAA ICGGAGAG	27972
345	10685	AGAGUAGC A CGCCGUAG	9598	CUACGGCG CUGAUGAG GCCGUUAGGC CGAA ICUACUCU	27973
349	10681	UAGCACGC C GUAGCGUG	9599	CACGCUAC CUGAUGAG GCCGUUAGGC CGAA ICGUGCUA	27974
361	10669	GCGUGGUC U GACAUUGG	9600	CCAAUGUC CUGAUGAG GCCGUUAGGC CGAA IACCACGC	27975
365	10665	GGUCUGAC A UUGGGCUU	9601	AAGCCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGACC	27976
372	10658	CAUUGGGC U UUGAAGUU	9602	AACUUCAA CUGAUGAG GCCGUUAGGC CGAA ICCCAAUG	27977
383	10647	GAAGUUAC A ACAUGUGG	9603	CCACAUGU CUGAUGAG GCCGUUAGGC CGAA IUAACUUC	27978
386	10644	GUUACAAC A UGUGGGGU	9604		27979
396	10634	GUGGGGUC C UCCUUCCG	9605		27980
397	10633	UGGGGUCC U CCUUCCGA	9606		27981
399	10631	GGGUCCUC C UUCCGAGA	9607	UCUCGGAA CUGAUGAG GCCGUUAGGC CGAA IAGGACCC	27982
400	10630	GGUCCUCC U UCCGAGAC	9608		27983
403	10627	CCUCCUUC C GAGACGGU	9609	ACCGUCUC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGG	27984
414	10616	GACGGUUC U GAGGGCUU	9610	AAGCCCUC CUGAUGAG GCCGUUAGGC CGAA IAACCGUC	27985
421	10609	CUGAGGGC U UACAUGGA	9611		27986
425	10605	GGGCUUAC A UGGAUCAC	9612		27987
432	10598	CAUGGAUC A CUUCGCGG	9613		27988
434	10596	UGGAUCAC U UCGCGGCU	9614	10000000	27989
442	10588	UUCGCGGC U UUGUUCAC	9615		27990
449	10581	CUUUGUUC A CCCAGUCC	9616		27991
451	10579	UUGUUCAC C CAGUCCUC	9617		27992
452	10578	UGUUCACC C AGUCCUCC	9618		27993
453	10577	GUUCACCC A GUCCUCCU	9619		27994
458	10572	CCCAGUCC U CCUGGGGU	9620		27995
460	10570	CAGUCCUC C UGGGGUUG	9621		27996
461	10569	AGUCCUCC U GGGGUUGA	9622		27997
475	10555	UGAGUCGC A GGCAGCAC	9623		27998
479	10551	UCGCAGGC A GCACCGUC	9624		27998
482	10548	CAGGCAGC A CCGUCUAC	9625		-
484	10546	GGCAGCAC C GUCUACUC	9626		28000
488	10542	GCACCGUC U ACUCAACU	9627		28001
491	10539	CCGUCUAC U CAACUUCC	9628		28002
				COMMODUS CUGADGAG GCCGUUAGGC CGAA TUAGACGG	28003

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<b>U</b> 02	/00803/				Table I
	CONTRACTION CONTRACT	╮	NOTE: COOC	0620	00003

493	10537	GUCUACUC A ACUUCCGG	9629	CCGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUAGAC	28004
496	10534	UACUCAAC U UCCGGUGG	9630	CCACCGGA CUGAUGAG GCCGUUAGGC CGAA IUUGAGUA	28005
	10534	UCAACUUC C GGUGGCGG	9631	CCGCCACC CUGAUGAG GCCGUUAGGC CGAA IAAGUUGA	28006
499		GCGGGAAC U UCCCGGCC	9632	GGCCGGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCCGC	28007
512	10518	GGAACUUC C CGGCCUGA	9633	UCAGGCCG CUGAUGAG GCCGUUAGGC CGAA IAAGUUCC	28008
515	10515	GAACUUCC C GGCCUGAC	9634	GUCAGGCC CUGAUGAG GCCGUUAGGC CGAA IGAAGUUC	28009
516	10514			GAAAGUCA CUGAUGAG GCCGUUAGGC CGAA ICCGGGAA	
520	10510	UUCCCGGC C UGACUUUC	9635		28010
521	10509	UCCCGGCC U GACUUUCU	9636		28011
525	10505	GGCCUGAC U UUCUCCUC	9637	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGCC	28012
529	10501	UGACUUUC U CCUCAAAA	9638	UUUUGAGG CUGAUGAG GCCGUUAGGC CGAA IAAAGUCA	28013
531	10499	ACUUUCUC C UCAAAAUU	9639	AAUUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAAGU	28014
532	10498	CUUUCUCC U CAAAAUUU	9640	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAG	28015
534	10496	UUCUCCUC A AAAUUUUC	9641	GAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	28016
543	10487	AAAUUUUC U UAACUAUU	9642	AAUAGUUA CUGAUGAG GCCGUUAGGC CGAA IAAAAUUU	28017
548	10482	UUCUUAAC U AUUUACAC	9643	GUGUAAAU CUGAUGAG GCCGUUAGGC CGAA IUUAAGAA	28018
555	10475	CUAUUUAC A CUAACACC	9644	GGUGUUAG CUGAUGAG GCCGUUAGGC CGAA IUAAAUAG	28019
557	10473	AUUUACAC U AACACCAC	9645	GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IUGUAAAU	28020
561	10469	ACACUAAC A CCACUAAA	9646	UUUAGUGG CUGAUGAG GCCGUUAGGC CGAA IUUAGUGU	28021
563	10467	ACUAACAC C ACUAAAUA	9647	UAUUUAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUAGU	28022
564	10466	CUAACACC A CUAAAUAC	9648	GUAUUUAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUAG	28023
566	10464	AACACCAC U AAAUACUA	9649	UAGUAUUU CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	28024
573	10457	CUAAAUAC U ACUAUAAA	9650	UUUAUAGU CUGAUGAG GCCGUUAGGC CGAA IUAUUUAG	28025
576	10454	AAUACUAC U AUAAAACU	9651	AGUUUUAU CUGAUGAG GCCGUUAGGC CGAA IUAGUAUU	28026
584	10446	UAUAAAAC U ACACUUUU	9652	AAAAGUGU CUGAUGAG GCCGUUAGGC CGAA IUUUUAUA	28027
587	10443	AAAACUAC A CUUUUAUG	9653	CAUAAAAG CUGAUGAG GCCGUUAGGC CGAA IUAGUUUU	28028
589	10441	AACUACAC U UUUAUGCA	9654	UGCAUAAA CUGAUGAG GCCGUUAGGC CGAA IUGUAGUU	28029
597	10433	UUUUAUGC A UACUUAUA	9655	UAUAAGUA CUGAUGAG GCCGUUAGGC CGAA ICAUAAAA	28030
601	10429	AUGCAUAC U UAUAUUGU	9656	ACAAUAUA CUGAUGAG GCCGUUAGGC CGAA IUAUGCAU	28031
611	10419	AUAUUGUC U AUUUACAA	9657	UUGUAAAU CUGAUGAG GCCGUUAGGC CGAA IACAAUAU	28032
618	10412	CUAUUUAC A AUUGAUUA	9658	UAAUCAAU CUGAUGAG GCCGUUAGGC CGAA IUAAAUAG	28033
633	10397	UAAAUAUC U ACAGUACU	9659	AGUACUGU CUGAUGAG GCCGUUAGGC CGAA IAUAUUUA	28034
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641	10389	UACAGUAC U GUGUCCUC	9661	GAGGACAC CUGAUGAG GCCGUUAGGC CGAA IUACUGUA	28036
647	10383	ACUGUGUC C UCAACCAA	9662	UUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IACACAGU	28037
648	10382	CUGUGUCC U CAACCAAA	9663	UUUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGACACAG	28038
650	10380	GUGUCCUC A ACCAAAGU	9664	ACUUUGGU CUGAUGAG GCCGUUAGGC CGAA IAGGACAC	28039
653	10377	UCCUCAAC C AAAGUUGU	9665	ACAACUUU CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	28040
654	10376	CCUCAACC A AAGUUGUG	9666	CACAACUU CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	28041
665	10365	GUUGUGUC U UCAUAUCU	9667	AGAUAUGA CUGAUGAG GCCGUUAGGC CGAA IACACAAC	28042
668	10362	GUGUCUUC A UAUCUCUU	9668	AAGAGAUA CUGAUGAG GCCGUUAGGC CGAA IAAGACAC	28043
673	10357	UUCAUAUC U CUUUAGUG	9669	CACUAAAG CUGAUGAG GCCGUUAGGC CGAA IAUAUGAA	28044
675	10355	CAUAUCUC U UUAGUGAA	9670	UUCACUAA CUGAUGAG GCCGUUAGGC CGAA IAGAUAUG	28045
685	10345	UAGUGAAC U CAUGUAAU	9671	AUUACAUG CUGAUGAG GCCGUUAGGC CGAA IUUCACUA	28046
687	10343	GUGAACUC A UGUAAUCC	9672	GGAUUACA CUGAUGAG GCCGUUAGGC CGAA IAGUUCAC	28047
695	10335	AUGUAAUC C ACAUACUU	9673	AAGUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUACAU	28048
696	10334	UGUAAUCC A CAUACUUC	9674	GAAGUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUACA	28049
698	10332	UAAUCCAC A UACUUCUC	9675	GAGAAGUA CUGAUGAG GCCGUUAGGC CGAA IUGGAUUA	28050
702	10328	CCACAUAC U UCUCAUCU	9676	AGAUGAGA CUGAUGAG GCCGUUAGGC CGAA IUAUGUGG	28051
705	10325	CAUACUUC U CAUCUCCG	9677	CGGAGAUG CUGAUGAG GCCGUUAGGC CGAA IAAGUAUG	28052
707	10323	UACUUCUC A UCUCCGAU	9678	AUCGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAGUA	28053
710	10320	UUCUCAUC U CCGAUGAU	9679	AUCAUCGG CUGAUGAG GCCGUUAGGC CGAA IAUGAGAA	28054
712	10318	CUCAUCUC C GAUGAUUG	9680	CAAUCAUC CUGAUGAG GCCGUUAGGC CGAA IAGAUGAG	28055
722	10308	AUGAUUGC U CUGACUUG	9681	CAAGUCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUCAU	28056
724	10306	GAUUGCUC U GACUUGGU	9682	ACCAAGUC CUGAUGAG GCCGUUAGGC CGAA IAGCAAUC	28057
728	10302	GCUCUGAC U UGGUUGAU	9683	AUCAACCA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGC	28058
740	10290	UUGAUAGC C ACCUGGAU	9684	AUCCAGGU CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA	28059
741	10289	UGAUAGCC A CCUGGAUG	9685	CAUCCAGG CUGAUGAG GCCGUUAGGC CGAA IGCUAUCA	28060
743	10287	AUAGCCAC C UGGAUGUU	9686	AACAUCCA CUGAUGAG GCCGUUAGGC CGAA IUGGCUAU	28061
744	10286	UAGCCACC U GGAUGUUU	9687	AAACAUCC CUGAUGAG GCCGUUAGGC CGAA IGUGGCUA	28062
755	10275	AUGUUUUC U GCCCACGU	9688	ACGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAAAACAU	28063
758	10272	UUUUCUGC C CACGUGGC	9689	GCCACGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAAAA	28064
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759	10271	UUUCUGCC C ACGUGGCU	9690	AGCCACGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAAA	28065
				GAGCCACG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAA	
760	10270	UUCUGCCC A CGUGGCUC	9691		28066
767	10263	CACGUGGC U CGGGCUCU	9692	AGAGCCCG CUGAUGAG GCCGUUAGGC CGAA ICCACGUG	28067
773	10257	GCUCGGGC U CUUGUGCC	9693	GGCACAAG CUGAUGAG GCCGUUAGGC CGAA ICCCGAGC	28068
775	10255	UCGGGCUC U UGUGCCAA	9694	UUGGCACA CUGAUGAG GCCGUUAGGC CGAA IAGCCCGA	28069
781	10249	UCUUGUGC C AAUCAGGC	9695	GCCUGAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGA	28070
	10248	CUUGUGCC A AUCAGGCU	9696	AGCCUGAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	28071
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786	10244	UGCCAAUC A GGCUGCCA	9697	UGGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUGGCA	28072
790	10240	AAUCAGGC U GCCACACC	9698	GGUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCUGAUU	28073
793	10237	CAGGCUGC C ACACCAGA	9699	UCUGGUGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCUG	28074
794	10236	AGGCUGCC A CACCAGAU	9700	AUCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCU	28075
796	10234	GCUGCCAC A CCAGAUGU	9701	ACAUCUGG CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	28076
798	10232	UGCCACAC C AGAUGUCC	9702	GGACAUCU CUGAUGAG GCCGUUAGGC CGAA IUGUGGCA	28077
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799	10231	GCCACACC A GAUGUCCU	9703	AGGACAUC CUGAUGAG GCCGUUAGGC CGAA IGUGUGGC	28078
806	10224	CAGAUGUC C UCUCGUUU	9704	AAACGAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCUG	28079
807	10223	AGAUGUCC U CUCGUUUU	9705	AAAACGAG CUGAUGAG GCCGUUAGGC CGAA IGACAUCU	28080
809	10221	AUGUCCUC U CGUUUUCC	9706	GGAAAACG CUGAUGAG GCCGUUAGGC CGAA IAGGACAU	28081
817	10213	UCGUUUUC C UGAAUAUG	9707	CAUAUUCA CUGAUGAG GCCGUUAGGC CGAA IAAAACGA	28082
818	10212	CGUUUUCC U GAAUAUGG	9708	CCAUAUUC CUGAUGAG GCCGUUAGGC CGAA IGAAAACG	28083
833	10197	GGGACGUC A CUCCAUUU	9709	AAAUGGAG CUGAUGAG GCCGUUAGGC CGAA IACGUCCC	28084
835	10195	GACGUCAC U CCAUUUCU	9710	AGAAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGACGUC	28085
837	10193	CGUCACUC C AUUUCUCC	9711	GGAGAAAU CUGAUGAG GCCGUUAGGC CGAA IAGUGACG	28086
838	10192	GUCACUCC A UUUCUCCA	9712	UGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAC	28087
843	10187	UCCAUUUC U CCACUGGG	9713	CCCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAAAUGGA	28088
845	10185	CAUUUCUC C ACUGGGGU	9714	ACCCCAGU CUGAUGAG GCCGUUAGGC CGAA IAGAAAUG	28089
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846	10184	AUUUCUCC A CUGGGGUU	9715	AACCCCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAU	28090
848	10182	UUCUCCAC U GGGGUUUU	9716	AAAACCCC CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA	28091
860	10170	GUUUUGUC U UCCAUCCA	9717	UGGAUGGA CUGAUGAG GCCGUUAGGC CGAA IACAAAAC	28092
863	10167	UUGUCUUC C AUCCAUUC	9718	GAAUGGAU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	28093
864	10166	UGUCUUCC A UCCAUUCA	9719	UGAAUGGA CUGAUGAG GCCGUUAGGC CGAA IGAAGACA	28094
867	10163	CUUCCAUC C AUUCAUUC	9720	GAAUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28095
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872	10158	AUCCAUUC A UUCUCCUC	9722	GAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IAAUGGAU	28097
876	10154	AUUCAUUC U CCUCUAUC	9723	GAUAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAUGAAU	28098
878	10152	UCAUUCUC C UCUAUCCA	9724	UGGAUAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGA	28099
879	10151	CAUUCUCC U CUAUCCAA	9725	UUGGAUAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	28100
881	10149	UUCUCCUC U AUCCAAAC	9726	GUUUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	28101
885	10145	CCUCUAUC C AAACACGG	9727	CCGUGUUU CUGAUGAG GCCGUUAGGC CGAA IAUAGAGG	28102
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886	10144	CUCUAUCC A AACACGGU	9728	ACCGUGUU CUGAUGAG GCCGUUAGGC CGAA IGAUAGAG	28103
890	10140	AUCCAAAC A CGGUUCCA	9729	UGGAACCG CUGAUGAG GCCGUUAGGC CGAA IUUUGGAU	28104
897	10133	CACGGUUC C AGACCUCC	9730	GGAGGUCU CUGAUGAG GCCGUUAGGC CGAA IAACCGUG	28105
898	10132	ACGGUUCC A GACCUCCA	9731	UGGAGGUC CUGAUGAG GCCGUUAGGC CGAA IGAACCGU	28106
902	10128	UUCCAGAC C UCCAACAU	9732	AUGUUGGA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	28107
903	10127	UCCAGACC U CCAACAUG	9733	CAUGUUGG CUGAUGAG GCCGUUAGGC CGAA IGUCUGGA	28108
905	10125	CAGACCUC C AACAUGUC	9734	GACAUGUU CUGAUGAG GCCGUUAGGC CGAA IAGGUCUG	28109
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906	10124	AGACCUCC A ACAUGUCC	9735	GGACAUGU CUGAUGAG GCCGUUAGGC CGAA IGAGGUCU	28110
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	28111
914	10116	AACAUGUC C UCUGUUGU	9737	ACAACAGA CUGAUGAG GCCGUUAGGC CGAA IACAUGUU	28112
915	10115	ACAUGUCC U CUGUUGUC	9738	GACAACAG CUGAUGAG GCCGUUAGGC CGAA IGACAUGU	28113
917	10113	AUGUCCUC U GUUGUCAU	9739	AUGACAAC CUGAUGAG GCCGUUAGGC CGAA IAGGACAU	28114
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGUGGA CUGAUGAG GCCGUUAGGC CGAA IACAACAG	28115
	<del></del>			<del></del>	
927	10103	UUGUCAUC C ACUCUCCU	9741	AGGAGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGACAA	28116
928	10102	UGUCAUCC A CUCUCCUC	9742	GAGGAGAG CUGAUGAG GCCGUUAGGC CGAA IGAUGACA	28117
930	10100	UCAUCCAC U CUCCUCCU	9743	AGGAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA	28118
932	10098	AUCCACUC U CCUCCUGC	9744	GCAGGAGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAU	28119
934	10096	CCACUCUC C UCCUGCAU	9745	AUGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGAGUGG	28120
935	10095	CACUCUCC U CCUGCAUG	9746	CAUGCAGG CUGAUGAG GCCGUUAGGC CGAA IGAGAGUG	28121
937	10093				
		CUCUCCUC C UGCAUGGA	9747	UCCAUGCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGAG	28122
938	10092	UCUCCUCC U GCAUGGAU	9748	AUCCAUGC CUGAUGAG GCCGUUAGGC CGAA IGAGGAGA	28123
941	10089	CCUCCUGC A UGGAUGGA	9749	UCCAUCCA CUGAUGAG GCCGUUAGGC CGAA ICAGGAGG	28124
951	10079	GGAUGGAC C ACGUGGUU	9750	AACCACGU CUGAUGAG GCCGUUAGGC CGAA IUCCAUCC	28125

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		Table
		1 ADIE

952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG CUGAUGAG GCCGUUAGGC CGAA IGUCCAUC	28126
961	10069	CGUGGUUC U UCCGGUAG	9752	CUACCGGA CUGAUGAG GCCGUUAGGC CGAA IAACCACG	28127
964	10066	GGUUCUUC C GGUAGGGA	9753	UCCCUACC CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28128
974	10056	GUAGGGAC C CAAUUCAC	9754	GUGAAUUG CUGAUGAG GCCGUUAGGC CGAA IUCCCUAC	28129
975	10055	UAGGGACC C AAUUCACA	9755	UGUGAAUU CUGAUGAG GCCGUUAGGC CGAA IGUCCCUA	28130
					28131
976	10054	AGGGACCC A AUUCACAG	9756		
981	10049	CCCAAUUC A CAGGGACA	9757	UGUCCCUG CUGAUGAG GCCGUUAGGC CGAA IAAUUGGG	28132
983	10047	CAAUUCAC A GGGACAGC	9758	GCUGUCCC CUGAUGAG GCCGUUAGGC CGAA IUGAAUUG	28133
989	10041	ACAGGGAC A GCGGAGCA	9759	UGCUCCGC CUGAUGAG GCCGUUAGGC CGAA IUCCCUGU	28134
997	10033	AGCGGAGC A AAUGGCGU	9760	ACGCCAUU CUGAUGAG GCCGUUAGGC CGAA ICUCCGCU	28135
1010	10020	GCGUUGGC C AUGAGCCG	9761	CGGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	28136
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCUCA CUGAUGAG GCCGUUAGGC CGAA IGCCAACG	28137
1017	10013	CCAUGAGC C GCAGGUCU	9763	AGACCUGC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGG	28138
			9764	AAGAGACC CUGAUGAG GCCGUUAGGC CGAA ICGGCUCA	28139
1020	10010	UGAGCCGC A GGUCUCUU			
1025	10005	CGCAGGUC U CUUCUGUG	9765	CACAGAAG CUGAUGAG GCCGUUAGGC CGAA IACCUGCG	28140
1027	10003	CAGGUCUC U UCUGUGGA	9766	UCCACAGA CUGAUGAG GCCGUUAGGC CGAA IAGACCUG	28141
1030	10000	GUCUCUUC U GUGGAAGU	9767	ACUUCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGAC	28142
1041	9989	GGAAGUAC A GAAGCAGC	9768	GCUGCUUC CUGAUGAG GCCGUUAGGC CGAA IUACUUCC	28143
1047	9983	ACAGAAGC A GCCACAUC	9769	GAUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUUCUGU	28144
1050	9980	GAAGCAGC C ACAUCUGG	9770	CCAGAUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUUC	28145
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGAUG CUGAUGAG GCCGUUAGGC CGAA IGCUGCUU	28146
1053	9977	GCAGCCAC A UCUGGGCA	9772	UGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IUGGCUGC	28147
				UUAUGCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGGC	28148
1056	9974	GCCACAUC U GGGCAUAA	9773		<del></del>
1061	9969	AUCUGGGC A UAAGACUU	9774	AAGUCUUA CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28149
1068	9962	CAUAAGAC U UAGCCAGA	9775	UCUGGCUA CUGAUGAG GCCGUUAGGC CGAA IUCUUAUG	28150
1073	9957	GACUUAGC C AGACAAGC	9776	GCUUGUCU CUGAUGAG GCCGUUAGGC CGAA ICUAAGUC	28151
1074	9956	ACUUAGCC A GACAAGCA	9777	UGCUUGUC CUGAUGAG GCCGUUAGGC CGAA IGCUAAGU	28152
1078	9952	AGCCAGAC A AGCAGUGU	9778	ACACUGCU CUGAUGAG GCCGUUAGGC CGAA IUCUGGCU	28153
1082	9948	AGACAAGC A GUGUCGCG	9779	CGCGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGUCU	28154
1098	9932	GGACGUUC C AUCCGGCC	9780	GGCCGGAU CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	28155
	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA CUGAUGAG GCCGUUAGGC CGAA IGAACGUC	28156
1099		GUUCCAUC C GGCCCCUG	9782	CAGGGGCC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAC	28157
1102	9928	<u> </u>			28158
1106	9924	CAUCCGGC C CCUGGAGA	9783		ļ
1107	9923	AUCCGGCC C CUGGAGAU	9784	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IGCCGGAU	28159
1108	9922	UCCGGCCC C UGGAGAUA	9785	UAUCUCCA CUGAUGAG GCCGUUAGGC CGAA IGGCCGGA	28160
1109	9921	CCGGCCCC U GGAGAUAU	9786	AUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IGGGCCGG	28161
1124	9906	AUGCGAGC U CUGCCUAC	9787	GUAGGCAG CUGAUGAG GCCGUUAGGC CGAA ICUCGCAU	28162
1126	9904	GCGAGCUC U GCCUACCA	9788	UGGUAGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCGC	28163
1129	9901	AGCUCUGC C UACCAAUU	9789	AAUUGGUA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCU	28164
1130	9900	GCUCUGCC U ACCAAUUC	9790	GAAUUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	28165
1133	9897	CUGCCUAC C AAUUCAUC	9791	GAUGAAUU CUGAUGAG GCCGUUAGGC CGAA IUAGGCAG	28166
1134	9896	UGCCUACC A AUUCAUCC	9792	GGAUGAAU CUGAUGAG GCCGUUAGGC CGAA IGUAGGCA	28167
1139		ACCAAUUC A UCCUGUCC	9793	GGACAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUUGGU	28168
	9891			<u> </u>	28169
1142	9888	AAUUCAUC C UGUCCUCG	9794	CGAGGACA CUGAUGAG GCCGUUAGGC CGAA IAUGAAUU	
1143	9887	AUUCAUCC U GUCCUCGG	9795	CCGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGAUGAAU	28170
1147	9883	AUCCUGUC C UCGGCAUG	9796	CAUGCCGA CUGAUGAG GCCGUUAGGC CGAA IACAGGAU	28171
1148	9882	UCCUGUCC U CGGCAUGG	9797	CCAUGCCG CUGAUGAG GCCGUUAGGC CGAA IGACAGGA	28172
1153	9877	UCCUCGGC A UGGAACCA	9798	UGGUUCCA CUGAUGAG GCCGUUAGGC CGAA ICCGAGGA	28173
1160	9870	CAUGGAAC C ACCAGUGU	9799	ACACUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCAUG	28174
1161	9869	AUGGAACC A CCAGUGUU	9800	AACACUGG CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28175
1163	9867	GGAACCAC C AGUGUUCU	9801	AGAACACU CUGAUGAG GCCGUUAGGC CGAA IUGGUUCC	28176
1164	9866	GAACCACC A GUGUUCUU	9802	AAGAACAC CUGAUGAG GCCGUUAGGC CGAA IGUGGUUC	28177
		CAGUGUUC U UCCAUCUU	9803	AAGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAACACUG	28178
1171	9859	<del></del>			+
1174	9856	UGUUCUUC C AUCUUUCA	9804	UGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACA	28179
1175	9855	GUUCUUCC A UCUUUCAU	9805	AUGAAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28180
1178	9852	CUUCCAUC U UUCAUGAU	9806	AUCAUGAA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28181
1182	9848	CAUCUUUC A UGAUCAAU	9807	AUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAAAGAUG	28182
1188	9842	UCAUGAUC A AUUCAGUG	9808	CACUGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCAUGA	28183
1193	9837	AUCAAUUC A GUGAAAUG	9809	CAUUUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUGAU	28184
1210	9820	GUUUGAGC A AAAUGGAA	9810	UUCCAUUU CUGAUGAG GCCGUUAGGC CGAA ICUCAAAC	28185
1220	9810	AAUGGAAC C UGCUGCCA	9811	UGGCAGCA CUGAUGAG GCCGUUAGGC CGAA IUUCCAUU	28186
		1.3.2.2.2.3.3.3.3.3.3.3.3.3.3.3.3.3.3.3.	1		1

1224   9806   GALCCURG U GCCALUCA   9813   UGANUGGC CURLINGA GCCGULAGGC CARA ICAGGGUC   28189   1228   8802   CURCURG C A AUCAUNCC   9815   GUIAUGAU CURLINGA GCCGULAGGC CARA ICAGGGAG   28199   1228   8902   CURCURG C A AUCAUNCC   9815   GUIAUGAU CURLINGA GCCGULAGGC CARA ICAGGGAG   28190   1228   9704   ANICCARCA C AUCACAGU   9816   GARGGAGAU CURLINGA GCCGULAGGC CARA ICAGGAGA   28191   1226   9794   ANICCARCA C AUCACAGU   9817   AACIGGAGU CURLINGA GCCGULAGGC CARA ICAGGAGA   28191   1226   9796   ANICCARCA C AUCACAGU   9818   CAACAGGAGA CURLINGA GCCGULAGGC CARA ICAGAGAG   28191   1227   9793   ANICARCA C AUCACAGU   9818   CAACAGGACA CURLINGA GCCGULAGGC CARA ICAGAGAGA   28191   1240   9790   ANICACAUC C AUCACAGA   9819   CACACACA CURLINGA GCCGULAGGC CARA ICAGAGAGA   28191   1241   9797   ANICAGACA C AUCACAGA   9819   CACACACA CURLINGA GCCGULAGGC CARA ICAGAGAGA   28191   1241   9797   ANICAGACA C AUCACAGA   9820   CCCGACAGAC CURLINGA GCCGULAGGC CARA ICAGACACA   28191   1259   9777   ANICAGACA C AUCACAGA CURLINGA GCCGULAGAGC CARA ICAGACACA   28191   1259   9777   UDICCACAC U UDIGAGAM   9821   CACACACACA CURLINGA GCCGULAGAC CARA ICAGACACA   28191   1259   9777   UDICCACAC U UDIGAGAM   9823   CACACACACA CURLINGA GCCGULAGAC CARA ICAGACCA   28191   1259   9777   UDICCACAC U UDIGAGAM   9823   CACACACACA CURLINGA GCCGULAGAC CARA ICAGACCA   28191   1259   9771   UDICCACAC U UDIGAGAM   9823   CACACACACA CARA AGAGA C CONTRAGA C CARA ICAGACACA   28191   1258   9765   UDIGAGACA C UURACAGA   9827   UDICCACAC CURLINGA GCCGULAGAC CARA ICAGACACA   28191   1278   9752   UDICCACAC UURACAGA   9827   UDICCACAC CURLINGA GCCGULAGACACA CARA ICAGACACA   28191	1221	9809	AUGGAACC U GCUGCCAA	9812	UUGGCAGC CUGAUGAG GCCGUUAGGC CGAA IGUUCCAU	28187
1226   1980   CCUCUUGC C ANUCAINC   9815   GUINDARIU CIVARINA GECCULUAGGE COAN ICARCAGO   28199   1228   1978   CORCINICA A RUCAINCA   9815   GUINDARIU CIVARINA GECCULUAGGE COAN ICARCAGO   28191   1226   1978   ANUCAINC C AUCCARUI   9816   GUINDARIO CIVARINAGO GECCULUAGGE COAN ICARCAGO   28191   1226   1978   ANUCAINC C AUCCARUI   9817   ANUCAINCA C AUCCARUI   28191   1227   1978   ANUCAINC C AUCCARUI   9817   ANUCAINCA C AUCCARUI   28191   1228   1978   ANUCAINC C AUCCARUI   9819   COURRACU CURRIAGO GECCULUAGGE COAN ICARUNAN   28191   1224   1978   ANUCAINCA C AUCUARUI   9819   COURRACU CURRIAGO GECCULUAGGE COAN ICARUNAN   28191   1224   1976   ANUCAINCA C AUCUARGO   9820   COURRACU CURRIAGO GECCULUAGGE COAN ICARUNAN   28191   1225   1977   COGUIUCCA C AUCUARGO   9822   COCARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1225   1977   COGUIUCCA C AUCUARGO   9822   COCARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1226   1977   COGUIUCCA C UTUGGARGU   9822   COLARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1226   1977   OUTUCACACU C UTUGGARGU   9822   COLARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1226   1977   UTUCACACU C UTUGGARGU   9822   COLARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1227   1973   UTUCACACU C UTUGGARGU   9822   COLARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1228   1971   UTUCACACU C UTUGGARGU   9822   CAUCCARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1229   1971   UTUCACACU C UTUGGARGU   9822   CAUCCARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1229   1972   UTUCACACU C UTUGGARGU   9822   CAUCCARGO CURRIAGO GECCULUAGGE COAN ICARCAGO   28191   1229   1972   UTUCACACU C UTUGGARGU   9826   AUGUARGA   GUICUAGGE COAN ICARCAGO   28191   1220   1972   UTUCACACU C UTUGGARGU   9826   AUGUARGA   GUICUAGGE COAN ICARCAGO   28191   1221   1973   1973   UTUCACACU C UTUGGARGU   2810   2810   1222   1973   1973   UTUCACACU C UTUGGARGU   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   2810   28			GAACCUGC U GCCAAUCA	9813	UGAUUGGC CUGAUGAG GCCGUUAGGC CGAA ICAGGUUC	28188
1225   1992   USCANDE C AUCCAMUS   9915   GOUNGAM UNANDAG   GOUNDAGE CANA LAURCAN   28191				9814		28189
12326						L
1231						
1979   AILCANDEC & UCCAGUING   9819   CANCUGA, CUGANGAG   GCCGUUAGGC   COAA INGUIDADI   28194						
1241 9798   MIRICANIC C AGUIDAGO   9819   CGUCANCI CURANGA GOCGULAGO CORA INTRIGUIAN   28194   1251 9775   ACGUIUC C AGUICHOGO   9821   CCANGROI CURANGA GOCGULAGO CORA INTRIGUIAN   28195   1255 9775   CGUIUCCA C UCUCURGA   9821   CCANGROI CURANGA GOCGULAGO CORA INTRIGUIAN   28195   1257 9775   CGUIUCCAC U CURGRORIO   9821   CCANGROI CURANGA GOCGULAGO CORA INTRIGUIAN   28191   1258 9775   CGUIUCCAC U CURGRORIO   9822   CICANGROI CURANGA GOCGULAGO CORA INTRIGUIAN   28191   1258 9771   UUCCACUC U UUGCGARA GO   9822   GALCCARG CURANGA GOCGULAGO CORA INTRIGUIAN   28191   1258 9772   UUGCGARO C UUGCGARO   9825   GUIVAGOA CURANGA GOCGULAGO CORA INTRIGUIAN   28191   1278 9753   UUGCGARO C UUGCGARO   9825   GUIVAGOA CURANGA GOCGULAGO CORA INTRIGUIAN   28191   1278 9752   UUGCGARO C UUGACAD   9826   AUGUCAA CURANGA GOCGULAGO CORA INTRIGUIAN   28101   1278 9753   UUGCGARO C UUGACAD   9827   AUGUCAA CURANGA GOCGULAGO CORA INTRIGUIAN   28101   1289 9741   GACUAGO A UUGACAD   9829   UUCUCAC CURANGA GOCGULAGO CORA IUCACCA   28201   1289 9741   GACUAGO A UUGACAD   9829   UUCUCAC CURANGA GOCGULAGO CORA IUCACACA   28201   1289 9741   GACUAGO A UUGACAD   9829   UUCUCAC CURANGA GOCGULAGO CORA IUCACACA   28201   1289 9741   GACUAGO C A GOGGCULU   9821   ARAGCCCC UUGANGA GOCGULAGO CORA IUCACACA   28201   1280 9704   GALCCUCC A GOGGCULU   9831   ARAGCCCC UUGANGA GOCGULAGO CORA IUCACACA   28201   1280 9704   GALCCUCC A GOGGCULU   9831   ARAGCCCC UUGANGA GOCGULAGO CORA IUCACACA   28201   1280 9704   GALCCUCC A GOGGCULU   9831   ARAGCCCC UUGANGA GOCGULAGO CORA IUCACACA   28201   1281 9709   GACGUGO C A CACAGUC   9831   GALCCUCCU   CURANGA GOCGULAGO CORA IUCACCAC   28201   1281 9709   GACGUGO C A UNGACCACA   9831   GALCGUGO CURANGA GOCGULAGO CORA IUCACACA   28201   1281 9699   GACGUGO C A CACAGUC   9831   GALCGUGO CURANGA GOCGULAGO CORA IUCACACA   28201   1281 9699   GACGUGO C A CACAGUC   9831   GALCGUGO CURANGA GOCGULAGO CORA IUCACACA   28201   1281 9699   GALCGUGO C A CACAGUC   9831   GALCGUGO CURANGA GOCGULAGO CORA IUCACACA   28211	-					
1254   9789						
1255   9776						
1255   9775   COGUUUCC A CUCUUGGA   9822   UCCANGAG CUGANGAG COGUUAGGC CAN TAGANACGA   28197     1259   9771   UUCCACUC U UUGGAIGIUC   9824   GACAUCCA CUGAUGAG COGUUAGGC CAN TAGAGGAA   28198     1259   9771   UUCCACUC U UUGGAIGIUC   9824   GACAUCCA CUGAUGAG   GCCGUUAGGC CAN TAGUGGAA   28198     1277   9753   UUGCGAAC C UUUGACAU   9825   GUUUGCAA CUGAUGAG   GCCGUUAGGC CAN TAGUGGAA   28200     1278   9752   UUGCGAAC C UUUGACAU   9826   AUUGCAA CUGAUGAG   GCCGUUAGGC CAN TUUCCCAA   28201     1278   9753   UUGCGAAC C UUUGACAU   9826   AUUGCAA CUGAUGAG   GCCGUUAGGC CAN TUUCCCAA   28201     1284   9746   CCUUUGAC A UAGCAUM   9828   AUUGCAA CUGAUGAG   GCCGUUAGGC CAN TUUCCCAA   28201     1289   9741   GACAUGAC A UAGCAUM   9828   AUUGCAAC CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28201     1289   9741   GACAUGAC A HUGCAUM   9830   GAUGCGUU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28201     1325   9705   CGAUCGUC C AGGGGCUU   9831   AAGCCCCU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28206     1326   9704   GAUCGUC C AGGGGCUU   9831   AAGCCCCU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28207     1328   9598   CCAGGGGGC U UUACCCACA   9833   UUCCUCAA CUGAUGAG   GCCGUUAGGC CAN TUCACCCU   28206     1326   9598   CCAGGGGGC U UUACCCACA   9835   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACCCU   28207     1330   9599   GCUUUAC C ACACAGUC   9835   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28209     1331   9593   GCUUUAC C A CACAGUC   9835   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28209     1340   9598   UUACCACA C A CACAGUC   9835   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28209     1340   9598   UUACCAC A CACAGUC   9836   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACACA   28209     1340   9598   UUACCACA C A CACAGUC   9837   GAUGACUU CUGAUGAG   GCCGUUAGGC CAN TUCACACACACACACACACACACACACACACC   9837   GAGAUGAC CUGAUGAGA   GCCGUUAGGC CAN TUCACACACACACACACACACACACACACACACACACACA						
1255   9773						
1258   9771   UUCCACUC U UUGGAIGUC   9824   GACAUCCA CUGAUGAG GCCGUUAGGC CGAA IAGUICCA   28200   1277   9753   UUGCGAAC C UUUGACAD   9825   GUUGCGAA CUGAUGAG GCCGUUAGGC CGAA IACAUCCA   28201   1278   9752   UUGCGAAC C UUUGACAD   9826   AUGUICCAA CUGAUGAG GCCGUUAGGC CGAA IACAUCCA   28201   1278   9754   CCCUUAGA C UUUGACAD   9827   TUAUGUCAA CUGAUGAG GCCGUUAGGC CGAA IUUCCCAA   28201   1284   9746   CCUUUAGA C UUGACADA   9828   AUGUICCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAAGG   28202   1289   9741   GACAUGG A UUGAGAGA   9829   UUCCUCAA CUGAUGAG GCCGUUAGGC CGAA IUCCAAGG   28203   1313   9717   GAGGUGG C AAGGGACU   9830   GAUGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28205   1325   9705   CCAUCGU C A GGGGCUU   9822   GAUGCGUU CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28205   1325   9705   CCAUCGU C A GGGGCUU   9822   AAAGCCCC CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28205   1326   9704   GAUCGUCC CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28207   1332   9598   CCACAGGG U UUACCACA   9833   UUGUICCAA CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28207   1332   9598   CCACAGGG U UUACCACA   9833   UUGUICCAA CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28208   1337   9593   GCUUUAGC C ACACAGUC   9835   UUCCUCAC CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28208   1334   9692   GCUUUAGC C ACACAGUC   9835   GAUGACUC CUGAUGAG GCCGUUAGGC CGAA ICCACCUC   28208   1334   9692   GCUUUACCA C A CACAGUC   9835   GAUGACUC CUGAUGAG GCCGUUAGGC CGAA IUAGACCA   28209   1344   9698   UACCACACA C A GUCAUC   9837   GAUCACUGU CUGAUGAG GCCGUUAGGC CGAA IUAGAGAC   28210   1340   9698   UACCACAC A CACAGGUC   9836   GAUGACUC CUGAUGAG GCCGUUAGGC CGAA IUAGAGAC   28210   1344   9688   UACCACACA C A GUCAUC   9837   GAGAUGAC   CUGAUGAG GCCGUUAGGC CGAA IUAGAGAC   28210   1344   9688   UACCACAC A GUCAUCCAC   9838   AUGCACGAC CUGAUGAG GCCGUUAGGC CGAA IUAGAGAC   28210   1340   9688   UACCACAC C A GUCACCAC   9834   GUCACUCAC   CUGAUGAG GCCGUUAGGC CGAA IACCACCUC   28210   1340   9688   UACCACCAC C GACACACC   9840   CUGAUGAG GCCGUUAGGC CGAA IACCACCUC   28210   2820   2820   2820   2820   2820   2820   282	$\overline{}$					
1268   9762						
1277	-					
1278	-					
1284   9746   CCUUUGAC A UMGAGUA   9829   CANIGUNA CUGAUGAG   GCCGUUAGGC   CGAA ICCAAGG   28204     1313   9717   GAGGGGC A NAGCGAUC   9810   GAUGGCUU CUGAUGAG   GCCGUUAGGC   CGAA ICCACCCC   28205     1325   9705   CGAUGGUC   AGGGGCUU   9811   AAGCCCC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCCC   28205     1326   9704   GAUGGUC   AGGGGCUU   9811   AAGCCCC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCCC   28205     1326   9705   CGAUGGUC   AGGGGCUU   9811   AAGCCCC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCUC   28207     1326   9704   GAUCGUC   A GGGGCUU   9812   AAGCCCC   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCUC   28207     1327   9698   CCAGGGGC   UURACCACA   9833   UGUGGUA   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCUG   28208     1337   9693   GCCUUUACC   ACACAGUC   9834   GAUCGUUG   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCUG   28208     1338   9692   GCCUUUACC   ACACAGUC   9835   UGACUGUG   CUGAUGAG   GCCGUUAGGC   CGAA ICCACCUG   CGAGGGC   CGAGGGGC   CGAGGGC   CGAGGGC	<b></b>					
1289	<del></del>		<del> </del>			
1315   9717   GAGUIGGIC A AGGGGCUU   9831   AAGCCCU CUGAUGAG   GCCGUUAGGC   CGAA IACGACUC   28205   1326   9704   GAUCGUIC A GGGGCUU   9832   AAGCCCCU CUGAUGAG   GCCGUUAGGC   CGAA IACGACUC   28206   1326   9704   GAUCGUIC A GGGGCUU   9832   AAAGCCCC CUGAUGAG   GCCGUUAGGC   CGAA IACGACUC   28207   1322   9598   CCAGGGGC U UVACCACA   9833   UGUGUGAA   CUGAUGAG   GCCGUUAGGC   CGAA IACGACUC   28209   1337   9593   GGCUUAAC C   ACAGGUIC   9834   GACUGUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACGAGUC   28209   1338   9592   GCUUAAC C   ACAGGUIC   9835   UGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACAGAGU   C8209   1340   9590   UUUACCAC   ACAGGUIC   9835   UGACUGUG   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAAC   C28209   1340   9590   UUUACCAC   ACAGUCAU   9835   UGACUGUG   CUGAUGAG   GCCGUUAGGC   CGAA IUGGUAAA   28211   1341   9568   UAACCACAC   AGUCAUCU   9837   GAGAUGACU   CUGAUGAG   GCCGUUAGGC   CGAA IUGGGGAA   28211   1342   9568   UAACCACAC   AGUCAUCU   9837   GAGAUGACU   CUGAUGAG   GCCGUUAGGC   CGAA IUGGGGAA   28211   1344   9568   CAGUAUCU   CACUGACAG   9838   AGUGAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IUGGGGA   28211   1349   9568   CAGUAUCU   CACUGACAG   9840   CUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA IUGGGGC   CGAA IUGGGGA   28214   1351   9579   UUCAUCUC   ACUGACAG   9841   CUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28215   1352   9578   UCAUCUCC   CACUGACAG   9842   UGAGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28215   1354   9576   AUCUCCAC   UGACAGC   9842   UGAGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28215   1354   9576   AUCUCCAC   UGACAGCA   9842   UGAGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28215   1354   9576   AUCUCCAC   UGACAGCA   9843   GCCAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28217   1356   9570   CAUGAGAC   AUGAGGGG   9843   GCCAUGAG   GCCGUUAGGC   CGAA IUGAGAG   28217   1356   9565   UGAGAGCC   AUGAGGGG   9845   AGAGAGGA   CUGAUGAG   GCCGUUAGGC   CGAA IUGAGAG   CUGAUGAG   CCCGUUAGGC   CGAA IUGAGAG   CCCAUGAGAG   CCCGUUAGGC   CGAA IUGAGAG   CCCGUUAGGC   CGAA IUGAGAG   CCCAUGAGAG   CCCGUUAG						
1325						<del></del>
1326   9704	1313	9717				
1332   9698					<u></u>	<del> </del>
1337   9693   GGCUUUACC   ACACAGUC   9834   GACUGUGU   CUGAUGAG   GCCGUUAGGC   CGAA   IUAAAGCC   28209   1338   9692   GCUUUACC   A CACAGUCA   9835   GAGUAGUC   CUGAUGAG   GCCGUUAGGC   CGAA   IUGAGGAA   28211   1340   9690   UUUACCAC   A CAGUCAUC   9836   GAUGACUG   CUGAUGAG   GCCGUUAGGC   CGAA   IUGGGAA   28211   1346   9684   ACACAGUC   A UCUCCACU   9837   GAGAUGAC   CUGAUGAG   GCCGUUAGGC   CGAA   IUGGGAA   28211   1346   9684   ACACAGUC   UCUCCACU   9838   AUGAGUGA   CUGAUGAG   GCCGUUAGGC   CGAA   IUGUGGAA   28213   1349   9681   CAGUCAUC   UCCCACUAC   9839   GUCAGUGA   CUGAUGAG   GCCGUUAGGC   CGAA   IACUGUGU   28213   1351   9679   GUCAUCUC   CACUGACG   9840   CUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA   IACUGUGU   28213   1352   9678   UCAUCUCC   A CUGACAG   9841   GCUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA   IAGAGUGA   28216   1354   9676   AUCUCCAC   UGACAGC   9841   GCUGUCAG   CUGAUGAG   GCCGUUAGGC   CGAA   IAGAGUGA   28217   1358   9672   CCACUGAC   GACAGCC   9841   GCUGUCAG   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28218   1361   9669   CUGACAGC   CUGAGGG   9844   ACCCGCACU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28218   1361   9669   CUGACAGC   CUGAGGG   9844   ACCCGCACU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28218   1362   9668   UGACAGCC   A UGCGGCU   9845   CAGCCGC   UGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28218   1362   9668   UGACAGCC   A UGCGGCU   9845   CAGCCGCA   UGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28220   1369   9661   CAUGCGC   UGAUGAG   9841   ACCCGCAU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGUGA   28221   1379   9651   AGUCUUCC   9849   GAGAAGCA   UGAUGAG   GCCGUUAGGC   CGAA   ICCCCAU   28221   1379   9651   AGUCUUCC   CAUUUCCC   9849   GAGAAGA   CUGAUGAG   GCCGUUAGGC   CGAA   IACAGCC   AUCUCCA   9849   GAGAAGA   CUGAUGAG   GCCGUUAGGC   CGAA   IACAGCC   AUCUCCA   9850   UGACAAUG   GCCGUUAGGC   CGAA   ICCCCAU   28221   1382   9648   UUCUUCCC   CAUUUCCA   9851   UUCAGAA   CUGAUGAG   GCCGUUAGGC   CGAA   IACAGCC   CAUUCCC   AUCUCCA   9851   UUCAGAA   CUGAUGAG   GCCGUUAGGC   CGAA				<del></del>		
1338   9692   GCUUUACC A CACAGUCA   9835   UGACUGUG CUGAUGAG GCCGUUAGGC CGAA IGUAAAGC   28210   1340   9690   UUUACCAC A CAGUCAUC   9836   AGAUGACUG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAA   28211   1342   9688   UACCACAC A GUCAUCUC   9837   AGAUGAGC CUGAUGAG GCCGUUAGGC CGAA IUGUGAA   28211   1346   9684   ACACAGUC A UCUCCACU   9838   AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA IUGUGGUA   28213   1349   9681   CAGUCUC C CACUGACAG   9839   GUCAGUGG CUGAUGAG GCCGUUAGGC CGAA IACUGUGU   28213   1351   9679   GUCAUCUC C ACUGACAG   9840   CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA IACUGUGC   28215   1352   9678   UCAUCUCC A CUGACAGC   9841   GCUGUCAG CUGAUGAG GCCGUUAGGC CGAA IACUGACAC   28215   1354   9676   AUCUCCAC U GACAGCCA   9842   UGGCUGUC CUGAUGAG GCCGUUAGGC CGAA IACUGAGA   28215   1358   9672   CCACUGAC A GCCAUGACG   9843   GCAUGAGG CUGAUGAG GCCGUUAGGC CGAA IUGAGGA   28216   1364   9669   CUGACAGC C AUGCAGCU   9844   AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA IUCAGUGG   28218   1362   9668   UGACAGCC C AUGCAGGU   9844   AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA IUCAGUGG   28219   1369   9661   CAUGCGGC U GAGGUCUU   9846   AAACACUC CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28220   1379   9655   GCUGAGUC U UUCUUCCC   9847   AGACGCC CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28221   1379   9651   AGUCUUCU U UCCUCCAUU   9848   AAUGCGGA CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28221   1388   9648   CUUUCUCC C CAUUCUCA   9849   AGAAGAC CUGAUGAG GCCGUUAGGC CGAA IACUCAGC   28221   1389   9648   CUUUCUCC C CAUUCUCA   9840   AAACAGCC CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC   28224   1389   9641   CUUCUCCC C AUUCUCA   9850   UAGAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC   28224   1389   9641   CUUCUCCC A WUCUCAA   9851   UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IAAGAAA   28225   1389   9641   CCCCAUUC U CAAACAGC   9854   GUGAUGAG GCCGUUAGGC CGAA IAAGAAA   28226   1389   9635   UCUCAAAC A GCCAGGUC   9856   GAGCAGGU CUGAUGAG GCCGUUAGGC CGAA IAAGAAA   28226   1389   9635   CUCAAACAGC   AACAGCC   9854   GUGAUGAG GCCGUUAGGC CGAA IAAGAAC   28223   1399   9631   AAACAGCC AGUCAGA   9857   GUGAGAAG CUG	1332	9698	CCAGGGGC U UUACCACA	9833		
1340   9690	1337	9693	GGCUUUAC C ACACAGUC	9834		28209
1342   9688	1338	9692	GCUUUACC A CACAGUCA	9835	UGACUGUG CUGAUGAG GCCGUUAGGC CGAA IGUAAAGC	28210
1346   9584   ACACAGUC A UCUCCACU   9838   AGUGAGA CUGAUGAG   GCCGUUAGGC   CGAA IACUGUGU   28213   1349   9581   CAGUCAUC U CACUGACA   9840   CUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGACUG   28214   1351   9679   GUCAUCUC C ACUGACAG   9840   CUGUCAGU   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGUGA   28215   1352   9678   UCAUCUCC A CUGACAG   9841   GCUGUCAG   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGUGA   28215   1354   9676   AUCUCCAC U GACAGCCA   9841   GCUGUCAG   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGUGA   28216   1354   9676   AUCUCCAC U GACAGCCA   9842   UGGCUGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGUGG   28218   1361   9669   CUGACAGC   CAUGCGG   9843   CGCAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGUGG   28218   1362   9668   UGACAGCC   AUGCGGCU   9844   AGCCGCAU   CUGAUGAG   GCCGUUAGGC   CGAA ICUAGUGG   28219   1362   9668   UGACAGCC   AUGCGGCU   9845   CAGCCGCA   CUGAUGAG   GCCGUUAGGC   CGAA ICUCGUCA   28220   1375   9655   GCUGAGUC   U UUCUUCCC   9847   GGGAGGA   CUGAUGAG   GCCGUUAGGC   CGAA ICUCGCAU   28221   1375   9655   GCUGAGUC   U UUCUUCCC   9847   GGGAGGA   CUGAUGAG   GCCGUUAGGC   CGAA IACUCACC   28222   1379   9651   AGUCUUUC   U UCCUCCU   9848   AAUGGGGA   CUGAUGAG   GCCGUUAGGC   CGAA IACUCACC   28222   1383   9648   CUUUCUUC   CAUUCUC   9849   GAGAAUG   CUGAUGAG   GCCGUUAGGC   CGAA IACUCACC   28222   1384   9646   UUCUUCC   CAUUCUCA   9850   UGAGAAUG   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAAA   28225   1384   9646   UUCUUCCC   CAUUCUCA   9851   UUGAGAA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAAA   28225   1385   9645   UCUUCCCC   AUUCUCAA   9851   UUGAGAAU   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGAA   28226   1388   9647   UUUCUUCC   CAUUCUCA   9853   GUCUGAGAG   GCCGUUAGGC   CGAA IAGAGAA   28226   1389   9631   CAAAACAC   9854   UGCGUUU   CUGAUGAG   GCCGUUAGGC   CGAA IAGAGAA   28226   1389   9639   CCAUUCUC   AACAGC   9853   GUCUAGAG   GCCGUUAGGC   CGAA IAGAGAA   28226   1389   9631   AAACAGC   AGGCUCU   9860   GAGCACC   UGAUGAG   GCCGUUAGGC   CGAA IAGAGAC   28231   1404   9626   GCCAGUC   GACCUUC   9856   GAGCACC   UGAUG	1340	9690	UUUACCAC A CAGUCAUC	9836	GAUGACUG CUGAUGAG GCCGUUAGGC CGAA IUGGUAAA	28211
1349   9681	1342	9688	UACCACAC A GUCAUCUC	9837	GAGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUGUGGUA	28212
1351   9679	1346	9684	ACACAGUC A UCUCCACU	9838	AGUGGAGA CUGAUGAG GCCGUUAGGC CGAA IACUGUGU	28213
1352   9678	1349	9681	CAGUCAUC U CCACUGAC	9839	GUCAGUGG CUGAUGAG GCCGUUAGGC CGAA IAUGACUG	28214
1354   9676   AUCUCCAC U GACAGCCA   9842   UGGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUGGAGAU   28217   1358   9672   CCACUGAC A GCCAUGAG   9843   CGCAUGAGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUGG   28218   1361   9669   CUGACAGC C AUGCGGCU   9844   AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28219   1362   9668   UGACAGCC A UGCGCGU   9845   CAGCCGCA CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28220   1369   9661   CAUGCGGC U GAGUCUUU   9846   AAGACUC CUGAUGAG GCCGUUAGGC CGAA ICCUGUCA   28221   1375   9655   GCUGAUGU U UUCUUCCC   9847   GGGAAGAA CUGAUGAG GCCGUUAGGC CGAA ICCUGACAG   28222   1379   9651   AGUCUUUC U UCCCCAUU   9848   AAUGAGCU CUGAUGAG GCCGUUAGGC CGAA IACUCAGC   28222   1382   9648   CUUUCUUC C CAUUCUC   9849   GAGAAUG CUGAUGAG GCCGUUAGGC CGAA IAAGAAC   28223   1384   9646   UUCUUCCC C AUUCUCA   9850   UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IAAGAAA   28225   1384   9646   UUCUUCCC C AUUCUCA   9850   UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA   28225   1389   9641   CCCCAUU U CAAACAGC   9853   UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAAA   28226   1389   9641   CCCCAUUC U CAAACAGC   9853   GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAA   28226   1389   9641   CCCCAUUC U CAAACAGC   9853   GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAC   28228   1391   9639   CCAUUCUC A AACAGCC   9853   GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGGG   28228   1399   9631   AAACAGCC   AGGUCCUG   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAAUGGGG   28229   1399   9631   AAACAGC   AGGUCCUG   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGG   28229   1399   9631   AAACAGC   AGGUCCUG   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGG   28221   1404   9626   GCCAGGUC C GAACUGC   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA ICAAUGC   28231   1405   9625   CCAGGUC C GACCUGGA   9857   CAAAGUC C UGAUGAG GCCGUUAGGC CGAA ICCUGUU   28221   1404   9626   GCCAGGUC C GACCUGGA   9857   CAAAGUC C UGAUGAG GCCGUUAGGC CGAA ICCUGGC   28234   1405   9625   CCCAGGUC C GACCUGGA   9859   CCAAAGUC C CUGAUGAG GCCGUUAGGC CGAA ICACCGC   28234   1405   9625   CCCAGGUC C GAACGCC   9860   GACCC	1351	9679	GUCAUCUC C ACUGACAG	9840	CUGUCAGU CUGAUGAG GCCGUUAGGC CGAA IAGAUGAC	28215
1358   9672   CCACUGAC A GCCAUGCG   9843   CGCAUGGC CUGAUGGG CCGUUAGGC CGAA IUCAGUGG   28218   1361   9669   CUGACAGC C AUGCGGCU   9844   AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAG   28229   1362   9668   UGACAGCC A UGCGGCUG   9845   CAGCCGCA CUGAUGAG GCCGUUAGGC CGAA ICUGUCAG   28221   1369   9661   CAUGCGGC U GAGUCUU   9846   AAAGACUC CUGAUGAG GCCGUUAGGC CGAA ICCGGCAU   28221   1375   9655   GCUGAUGA U UUCUUCCC   9847   GGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCAGC   28222   1379   9651   AGUCUUUC U UCCCCAUU   9849   GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IACUCAGC   28223   1382   9648   CUUUCUUC C CCAUUCUC   9849   GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGAACU   28223   1383   9647   UUUCUUCC C CAUUCUCA   9850   UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IAAGAACA   28225   1384   9646   UUCUUCCC C AUUCUCA   9851   UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA   28225   1385   9645   UCUUCCCC A UUCUCAA   9852   UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA   28226   1385   9645   UCUUCCCC A UUCUCAA   9852   UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA   28226   1389   9641   CCCCAUUC U CAAACAGC   9853   GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAGAA   28227   1399   9635   UCUCAAAC A GCCAGGUC   9855   GCUGUUG CUGAUGAG GCCGUUAGGC CGAA IAGAAGA   28229   1395   9635   UCUCAAAC A GCCAGGUC   9855   GACCUUG CUGAUGAG GCCGUUAGGC CGAA IAGAAUG   28229   1395   9635   UCUCAAAC A GCCAGGUC   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGAAUG   28229   1395   9635   UCUCAAAC A GCCAGGUC   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGAAUG   28229   1395   9635   UCUCAAAC A GCCAGGUC   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGAAUG   28221   1404   9626   GCCAGUC C GAGUCCUG   9856   CAGGACC CUGAUGAG GCCGUUAGGC CGAA IACUGGC   28231   1405   9625   CCAGGUC C GAGCUCUG   9856   CAGGACC CUGAUGAG GCCGUUAGGC CGAA ICCUGUUU   28231   1404   9626   GCCAGGUC C GACCUCUG   9850   GCACCCGC CUGAUGAG GCCGUUAGGC CGAA IACCCGA   28236   1404   9626   GCCAGGUC C GACCCCCC CUGAUGAG C CUGAUGAG GCCGUUAGGC CGAA IACCCGA   28236   1406   9625   CCAGGUCC U GACCUUG   9860   GCACCCGU GCCG	1352	9678	UCAUCUCC A CUGACAGC	9841	GCUGUCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAUGA	28216
1361   9669	1354	9676	AUCUCCAC U GACAGCCA	9842	UGGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUGGAGAU	28217
1362   9668	1358	9672	CCACUGAC A GCCAUGCG	9843	CGCAUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAGUGG	28218
1369   9661	1361	9669	CUGACAGC C AUGCGGCU	9844	AGCCGCAU CUGAUGAG GCCGUUAGGC CGAA ICUGUCAG	28219
1375	1362	9668	UGACAGCC A UGCGGCUG	9845	CAGCCGCA CUGAUGAG GCCGUUAGGC CGAA IGCUGUCA	28220
1379   9651   AGUCUUUC U UCCCCAUU   9848   AAUGGGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGACU   28223   1382   9648   CUUUCUUC C CCAUUCUC   9849   GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGAAAG   28224   1383   9647   UUUCUUCC C CAUUCUCA   9850   UGACAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA   28225   1384   9646   UUCUUCCC C AUUCUCAA   9851   UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA   28225   1385   9645   UCUUCCCCA   UUCUCAAA   9852   UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA   28227   1389   9641   CCCCAUUC U CAAACAGC   9853   GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAAUGA   28227   1391   9639   CCAUUCUCA   AACAGCCA   9854   UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG   28229   1395   9635   UCUCAAAC   AGCCAGGUC   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG   28230   1398   9632   CAAACAGC   AGGUCCUG   9855   GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG   28231   1399   9631   AAACAGCC   AGGUCCUG   9856   CAGGACC   CUGAUGAG GCCGUUAGGC CGAA ICUGUUU   28231   1404   9626   GCCAGGUC   UGACUUUG   9858   CAAAGUCC CUGAUGAG GCCGUUAGGC CGAA ICCUGUU   28231   1405   9625   CCAGGUCC   UGACUUUG   9858   CAAAGUCC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC   28233   1405   9625   CCAGGUCC   UGACUUUG   9859   CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC   28234   1409   9621   GUCCUGAC   UUUCCCUU   9861   AAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCUGAC   28235   1417   9613   UUUGGGUC   UUUCCCUU   9861   AAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAC   28235   1418   9612   UUGGGUCC   UUUCCCUU   9861   AAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAC   28235   1428   9608   GUCCUUUC   C CUUUUGUG   9862   AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAC   28236   1428   9608   GUCCUUUC   C CUUUUGUG   9862   AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAC   28237   1422   9608   GUCCUUUC   C CUUUUGUG   9863   CACAAAAC CUGAUGAG GCCGUUAGGC CGAA IAACGCA   28237   1429   9608   GUCCUUUC   C CUUUGUGAG   9864   UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAACGAC   28238   1423   9607   UCCUUCC   C UUUUGUGA   9864   UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAACGAC   28238   1423   9606   CCUUUU	1369	9661	CAUGCGGC U GAGUCUUU	9846	AAAGACUC CUGAUGAG GCCGUUAGGC CGAA ICCGCAUG	28221
1382         9648         CUUUCUUC         C CCAUUCUC         9849         GAGAAUG         CUGAUGAG         GCCGUUAGGC         CGAA         IAAGAAAG         28224           1383         9647         UUUCUUCC         C CAUUCUCA         9850         UGAGAAUG         CUGAUGAG         CCGUUAGGC         CGAA         IGAGAAA         28225           1384         9646         UUCUCCCC         A UUCUCAAA         9851         UUGAGAA         CUGAUGAG         CCGAUAGGC         CGAA         IGGGAAGA         28226           1385         9645         UCUUCCCC         A UUCUCAAA         9852         UUUGAGAA         CUGAUGAG         CGAA         IGGGGAAAGA         28227           1389         9641         CCCCAUUC U         CAAACAGC         9853         GCUGUUUG         CUGAUGAG         CGAA         IAAUGGG         28228           1391         9639         CCAUUCUC         A AACAGCA         9854         UGGCUGUU CUGAUGAG         GCCGUUAGGC         CGAA         IAUGAGA         28230           1398         9632         CAAACAGC         A GUCCUGA         9855         CAGGACCU         CUGAUGAG         CGAA         ICUGUUU         28231           1399         9631         AAACAGC         A GUCCUGA         9857 </td <td>1375</td> <td>9655</td> <td>GCUGAGUC U UUCUUCCC</td> <td>9847</td> <td>GGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCAGC</td> <td>28222</td>	1375	9655	GCUGAGUC U UUCUUCCC	9847	GGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IACUCAGC	28222
1383         9647         UUUCUUCC C CAUUCUCA         9850         UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAA         28225           1384         9646         UUCUUCCC C AUUCUCAA         9851         UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA         28226           1385         9645         UCUUCCC A UUCUCAA         9852         UUUGAGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGA         28227           1389         9641         CCCCAUUC U CAAACAGC         9853         GCUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAAUGGG         28228           1391         9639         CCAUUCUC A AACAGCCA         9854         UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG         28229           1398         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA         28230           1398         9632         CAAACAGC C AGGUCCUGA         9857         UCAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUU         28231           1399         9631         AAACAGCC A GGUCCUGA         9857         UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC         28231           1404         9626         GCCAGGUC C UGACUUUG         9858         CAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U UUGCGUC         9860         GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IACCUGA         28236	1379	9651	AGUCUUUC U UCCCCAUU	9848	AAUGGGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGACU	28223
1384         9646         UUCUUCCC C AUUCUCAA         9851         UUGAGAAU CUGAUGAG         GCCGUUAGGC CGAA IGGAAGAA         28226           1385         9645         UCUUCCCC A UUCUCAAA         9852         UUUGAGAA CUGAUGAG         GCCGUUAGGC CGAA IGGAAGA         28227           1389         9641         CCCCAUUC U CAAACAGC         9853         GCUGUUUG CUGAUGAG         GCCGUUAGGC CGAA IAAUGGG         28228           1391         9639         CCAUUCUC A AACAGCCA         9854         UGGCUGUU CUGAUGAG         GCCGUUAGGC CGAA IAGAAUGG         28229           1398         9635         UCUCAAAC A GCCAGUC G         9855         GACCUGGC CUGAUGAG         CCGUUAGGC CGAA ICUGUUG         28230           1398         9632         CAAACAGC C AGGUCCUG         9856         CAGGACCU CUGAUGAG         GCCGUUAGGC CGAA ICUGUUUG         28231           1404         9626         GCCAGGUC C UGACUUG         9857         UCAGGACC CUGAUGAG CCGUUAGGC CGAA ICCUGUUU         28232           1405         9625         CCAGGUCC U GACUUUG         9858         CAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U GACUUUGG 9860         GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IACCUGA         28234           1409         9621         GUCCUGAC U UUCCCUU 9861         AA	1382	9648	CUUUCUUC C CCAUUCUC	9849	GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGAAAG	28224
1385         9645         UCUUCCCC A UUCUCAAA         9852         UUUGAGAA CUGAUGAG GCCGUUAGGC         CGAA IGGGAAGA         28227           1389         9641         CCCCAUUC U CAAACAGC         9853         GCUGUUG CUGAUGAG GCCGUUAGGC         CGAA IAAUGGG         28228           1391         9639         CCAUUCUC A AACAGCA         9854         UGGCUGUU CUGAUGAG GCCGUUAGGC         CGAA IAGAAUGG         28229           1395         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG GCCGUUAGGC         CGAA ICUGUUUG         28230           1398         9631         AAACAGC C AGGUCCUGA         9857         UCAGGACCU CUGAUGAG GCCGUUAGGC         CGAA ICUGUUUG         28231           1399         9631         AAACAGC C AGGUCCUGA         9857         UCAGGACC CUGAUGAG GCCGUUAGGC         CGAA ICUGUUU         28232           1404         9626         GCCAGGUC C UGACUUUG         9858         CAAAGUCA CUGAUGAG GCCGUUAGGC         CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U GACUUUGG         9859         CCAAAGUC CUGAUGAG GCCGUUAGGC         CGAA IACCUGGC         28234           1409         9621         GUCCUGAC U UUGGGUCC         9860         GGACCCAA CUGAUGAG GCCGUUAGGC         CGAA IACCCAAA         28235           1417         9613 </td <td>1383</td> <td>9647</td> <td>UUUCUUCC C CAUUCUCA</td> <td>9850</td> <td>UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA</td> <td>28225</td>	1383	9647	UUUCUUCC C CAUUCUCA	9850	UGAGAAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA	28225
1385         9645         UCUUCCCC A UUCUCAAA         9852         UUUGAGAA CUGAUGAG GCCGUUAGGC         CGAA IGGGAAGA         28227           1389         9641         CCCCAUUC U CAAACAGC         9853         GCUGUUUG CUGAUGAG GCCGUUAGGC         CGAA IAAUGGG         28228           1391         9639         CCAUUCUC A AACAGCCA         9854         UGGCUGUU CUGAUGAG GCCGUUAGGC         CGAA IAGAAUGG         28229           1395         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG GCCGUUAGGC         CGAA IUUUGAGA         28230           1398         9631         CAAACAGC C AGGUCCUGA         9857         UCAGGACCU CUGAUGAG GCCGUUAGGC         CGAA ICUGUUU         28231           1399         9631         AAACAGCC A GGUCCUGA         9857         UCAGGACC CUGAUGAG GCCGUUAGGC         CGAA ICUGUUU         28232           1404         9626         GCCAGGUC C UGACUUUG         9858         CAAAGUC CUGAUGAG GCCGUUAGGC         CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U GACUUUGG         9859         CCAAAGUC CUGAUGAG GCCGUUAGGC         CGAA IACCUGG         28234           1409         9621         GUCCUGAC U UUGGGUCC         9860         GGACCCAA CUGAUGAG GCCGUUAGGC         CGAA IACCCAAA         28235           1417         9613 </td <td></td> <td>9646</td> <td>UUCUUCCC C AUUCUCAA</td> <td>9851</td> <td>UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA</td> <td><del></del></td>		9646	UUCUUCCC C AUUCUCAA	9851	UUGAGAAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA	<del></del>
1389         9641         CCCCAUUC U CAAACAGC         9853         GCUGUUUG CUGAUGAG         GCCGUUAGGC         CGAA IAAUGGGG         28228           1391         9639         CCAUUCUC A AACAGCCA         9854         UGGCUGUU CUGAUGAG         GCCGUUAGGC         CGAA IAGAAUGG         28229           1395         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG         GCCGUUAGGC         CGAA IUUUGAGA         28230           1398         9632         CAAACAGC C AGGUCCUG         9856         CAGGACCU CUGAUGAG         GCCGUUAGGC         CGAA ICUGUUU         28231           1399         9631         AAACAGCC A GGUCCUGA         9857         UCAGGACC CUGAUGAG         GCCGUUAGGC         CGAA IGCUGUU         28232           1404         9626         GCCAGGUCC U GACUUUG         9858         CAAAGUCA CUGAUGAG GCCGUUAGGC         CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U GACUUUGG         9859         CCAAAGUC CUGAUGAG GCCGUUAGGC         CGAA IACCUGG         28234           1419         9621         GUCCUGAC U UUGCGCU         9860         GGACCCAA CUGAUGAG GCCGUUAGGC         CGAA IACCCAAA         28235           1418         9612         UUGGGUCC U UUCCCUU         9861         AAGGGAA CUGAUGAG GCCGUUAGGC         CGAA IACCCAAA						
1391         9639         CCAUUCUC A AACAGCCA         9854         UGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG         28229           1395         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA         28230           1398         9632         CAAACAGC C AGGUCCUG         9856         CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG GCAA IGCUGUUU         28231           1399         9631         AAACAGCC A GGUCCUGA GCAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC GCAA IACCUGGC GCAAGUCA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC GCAAAGAAAAAAAAAAAAAAAAAAAAAAAAAA				——		
1395         9635         UCUCAAAC A GCCAGGUC         9855         GACCUGGC CUGAUGAG GCCGUUAGGC CGAA IUUUGAGA         28230           1398         9632         CAAACAGC C AGGUCCUG         9856         CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUU         28231           1399         9631         AAACAGCC A GGUCCUGA         9857         UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU         28232           1404         9626         GCCAGGUC C UGACUUUG         9858         CAAAGUC CUGAUGAG GCCGUUAGGC CGAA IACCUGGC         28233           1405         9625         CCAGGUCC U GACUUUGG         9859         CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG         28234           1409         9621         GUCCUGAC U UUGCGUUC         9860         GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC CBAA         28235           1417         9613         UUUGGGUCC U UUCCCUUU         9861         AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236           1418         9612         UUGGGUCC U UUCCCUUU         9862         AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACACCAA 28237           1422         9608         GUCCUUUC C CUUUUGUG 9863         CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238           1423         9607         UCCUUUCC C UUUUGUGA 9864         UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGG 28240           1437         9593         UGAGUUUC U CCACAUCA 9866 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
1398 9632 CAAACAGC C AGGUCCUG 9856 CAGGACCU CUGAUGAG GCCGUUAGGC CGAA ICUGUUUG 28231 1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU 28232 1404 9626 GCCAGGUC C UGACUTUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUTUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGA GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUCC A CAUCAUC 9867 GAUGAUGA GCCGUUAGGC CGAA IAAACUCA 28242 1440 9590 GUUUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28242 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28244 1445 9585 UCCACAUC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACC 28245						
1399 9631 AAACAGCC A GGUCCUGA 9857 UCAGGACC CUGAUGAG GCCGUUAGGC CGAA IGCUGUUU 28232 1404 9626 GCCAGGUC C UGACUTUG 9858 CAAAGUCA CUGAUGAG GCCGUUAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUTUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUC C UUUCCCUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUTUC C CUUTUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUTUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGA GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUCC A CAUCAUC 9867 GAUGAUGA GCCGUUAGGC CGAA IAAACUCA 28242 1440 9590 GUUUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28242 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28244 1445 9585 UCCACAUC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGAAAC 28244 1445 9585 UCCACAUC A UCCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245						
1404 9626 GCCAGGUC C UGACUJUG 9858 CAAAGUCA CUGAUGAG GCCGUJAGGC CGAA IACCUGGC 28233 1405 9625 CCAGGUCC U GACUJUGG 9859 CCAAAGUC CUGAUGAG GCCGUJAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUJAGGC CGAA IUCAGGAC 28235 1417 9613 UJUGGGUC C UJUCCCUJU 9861 AAGGGAAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28236 1418 9612 UJUGGGUCC U UUCCCUJU 9862 AAAGGGAA CUGAUGAG GCCGUJAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUJUC C CUJUJUGUG 9863 CACAAAAG CUGAUGAG GCCGUJAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUJUCC C UJUJUGUGA 9864 UCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1424 9606 CCUJUJCCC U UJUJUGUGA 9864 UCACAAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28239 1424 9606 CCUJUJCCC U UJUJUGUGA 9865 CUCACAAA CUGAUGAG GCCGUJAGGC CGAA IGAAAGGA 28240 1437 9593 UGAGUJUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28241 1439 9591 AGUJUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUJAGGC CGAA IAAACUCA 28242 1440 9590 GUJUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUJAGGC CGAA IAGAAACU 28242 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGJUJAGGC CGAA IGAGAAAC 28243 1445 9585 UCCACAUC A UCCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGJUJAGGC CGAA IAGGAAAC 28244 1445 9585 UCCACAUC A UCCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGJUJAGGC CGAA IAUGUGGA 28245	-					
1405 9625 CCAGGUCC U GACUUUGG 9859 CCAAAGUC CUGAUGAG GCCGUUAGGC CGAA IGACCUGG 28234 1409 9621 GUCCUGAC U UUGGGUCC 9860 GGACCCAA CUGAUGAG GCCGUUAGGC CGAA IUCAGGAC 28235 1417 9613 UUUGGGUCC C UUUCCCUUU 9861 AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28236 1418 9612 UUGGGUCC U UUCCCUUU 9862 AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA 28237 1422 9608 GUCCUUUC C CUUUUGUG 9863 CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC 28238 1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1440 9590 GUUUCUCC A CAUCAUC 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA GCCGUUAGGC CGAA IAGAAACC 28243 1445 9585 UCCACAUC A UCCUGGGCC 9870 GGCCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAC 28244			<del>                                       </del>			<del></del>
1409         9621         GUCCUGAC         U UUGGGUCC         9860         GGACCCAA         CUGAUGAG         GCCGUUAGGC         CGAA         IUCAGGAC         28235           1417         9613         UUUGGGUC         C UUUCCCUU         9861         AAGGGAAA         CUGAUGAG         GCCGUUAGGC         CGAA         IACCCAAA         28236           1418         9612         UUGGGUCC         U UUCCCUUU         9862         AAAGGGAA         CUGAUGAG         GCCGUUAGGC         CGAA         IGACCCAA         28237           1422         9608         GUCCUUUC         C CUUUUGUG         9863         CACAAAAG         CUGAUGAG         GCCGUUAGGC         CGAA         IAAAGGAA         28238           1423         9607         UCCUUUCC         UUUUGUGA         9864         UCACAAAA         CUGAUGAG         GCCGUUAGGC         CGAA         IGAAAGGA         28239           1424         9606         CCUUUCCC         UUUUGUGA         9865         CUCACAAA         CUGAUGAG         GCCGUUAGGC         CGAA         IGAAAGGA         28249           1437         9593         UGAGUUUC         C CCACAUCA         9866         UGAUGUGG         CUGAUGAG         GCCGUUAGGC         CGAA         IAAACUCA         28241           <			<del></del>			
1417         9613         UUUGGGUC C UUUCCCUU         9861         AAGGGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCAAA         28236           1418         9612         UUGGGUCC U UUCCCUUU         9862         AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA         28237           1422         9608         GUCCUUUC C CUUUUGUG         9863         CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGA         28238           1423         9607         UCCUUUCC C UUUUGUGA         9864         UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA         28239           1424         9606         CCUUUCCC U UUUGUGAG         9865         CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGG         28240           1437         9593         UGAGUUUC U CCACAUCA         9866         UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA         28241           1439         9591         AGUUUCUC C ACAUCAUC         9867         GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU         28242           1440         9590         GUUUCUCC A CAUCAUCU         9868         AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC         28243           1442         9588         UUCUCCAC A UCAUCUG         9869         CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA         28244           1445         9585         UCCACAUC A UCUCGGC         9870         GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA         28245 <td>-</td> <td></td> <td></td> <td></td> <td></td> <td></td>	-					
1418         9612         UUGGGUCC U UUCCCUUU         9862         AAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IGACCCAA         28237           1422         9608         GUCCUUUC C CUUUUGUG         9863         CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC         28238           1423         9607         UCCUUUCC C UUUUGUGA         9864         UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA         28239           1424         9606         CCUUUCCC U UUUGUGAG         9865         CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGG         28240           1437         9593         UGAGUUUC U CCACAUCA         9866         UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA         28241           1439         9591         AGUUUCUC C ACAUCAUC         9867         GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU         28242           1440         9590         GUUUCUCC A CAUCAUCU         9868         AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC         28243           1442         9588         UUCUCCAC A UCAUCUG         9869         CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGA         28244           1445         9585         UCCACAUC A UCUGGGCC         9870         GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA         28245			<del></del>			
1422         9608         GUCCUUUC C CUUUUGUG         9863         CACAAAAG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAC         28238           1423         9607         UCCUUUCC C UUUUGUGA         9864         UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA         28239           1424         9606         CCUUUCCC U UUUGUGAG         9865         CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAAGG         28240           1437         9593         UGAGUUUC U CCACAUCA         9866         UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA         28241           1439         9591         AGUUUCUC C ACAUCAUC         9867         GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU         28242           1440         9590         GUUUCUCC A CAUCAUCU         9868         AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC         28243           1442         9588         UUCUCCAC A UCAUCUGG         9869         CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA         28244           1445         9585         UCCACAUC A UCUGGGCC         9870         GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA         28245						
1423 9607 UCCUUUCC C UUUUGUGA 9864 UCACAAAA CUGAUGAG GCCGUUAGGC CGAA IGAAAGGA 28239 1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGG 28240 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC 28243 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGAGAAA 28244 1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245			<del></del>		<del></del>	
1424 9606 CCUUUCCC U UUUGUGAG 9865 CUCACAAA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGG 28240 1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC 28243 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGAGAA 28244 1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245						
1437 9593 UGAGUUUC U CCACAUCA 9866 UGAUGUGG CUGAUGAG GCCGUUAGGC CGAA IAAACUCA 28241 1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28243 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA 28244 1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245			<del></del>			
1439 9591 AGUUUCUC C ACAUCAUC 9867 GAUGAUGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACU 28242 1440 9590 GUUUCUCC A CAUCAUCU 9868 AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC 28243 1442 9588 UUCUCCAC A UCAUCUGG 9869 CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA 28244 1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245			<del></del>			
14409590GUUUCUCC A CAUCAUCU9868AGAUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGAAAC2824314429588UUCUCCAC A UCAUCUGG9869CCAGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGAA2824414459585UCCACAUC A UCUGGCC9870GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA28245	$\vdash$		<del> </del>			
14429588UUCUCCAC A UCAUCUGG9869CCAGAUGA CUGAUGAGGCCGUUAGGC CGAA IUGGAGAA2824414459585UCCACAUC A UCUGGGCC9870GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA28245			<del></del>			
1445 9585 UCCACAUC A UCUGGGCC 9870 GGCCCAGA CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA 28245	-		<del></del>			$\overline{}$
	-					
	1448	9582	ACAUCAUC U GGGCCAAU	9871	AUUGGCCC CUGAUGAG GCCGUUAGGC CGAA IAUGAUGU	28246
1453 9577 AUCUGGGC C AAUCACUC 9872 GAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU 28247	1453	9577	AUCUGGGC C AAUCACUC	9872	GAGUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCCAGAU	28247

1454	9576	UCUGGGCC A AUCACUCC	9873	GGAGUGAU CUGAUGAG GCCGUUAGGC CGAA IGCCCAGA	28248
1458	9572	GGCCAAUC A CUCCUUCC	9874	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IAUUGGCC	28249
1460	9570	CCAAUCAC U CCUUCCCC	9875	GGGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	28250
		AAUCACUC C UUCCCCUU	9876	AAGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGAUU	28251
1462	9568		9877	GAAGGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGAU	28252
1463	9567	AUCACUCC U UCCCCUUC		AUGGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	28253
1466	9564	ACUCCUUC C CCUUCCAU	9878		
1467	9563	CUCCUUCC C CUUCCAUC	9879	GAUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	28254
1468	9562	UCCUUCCC C UUCCAUCA	9880	UGAUGGAA CUGAUGAG GCCGUUAGGC CGAA IGGAAGGA	28255
1469	9561	CCUUCCCC U UCCAUCAU	9881	AUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGG	28256
1472	9558	UCCCCUUC C AUCAUCCU	9882	AGGAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGGGGA	28257
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGGGG	28258
1476	9554	CUUCCAUC A UCCUCACC	9884	GGUGAGGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28259
1479	9551	CCAUCAUC C UCACCAGC	9885	GCUGGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGG	28260
1480	9550	CAUCAUCC U CACCAGCU	9886	AGCUGGUG CUGAUGAG GCCGUUAGGC CGAA IGAUGAUG	28261
1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCUGG CUGAUGAG GCCGUUAGGC CGAA IAGGAUGA	28262
1484	9546	AUCCUCAC C AGCUGGAC	9888	GUCCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	28263
1485	9545	UCCUCACC A GCUGGACG	9889	CGUCCAGC CUGAUGAG GCCGUUAGGC CGAA IGUGAGGA	28264
1488	9542	UCACCAGC U GGACGGCC	9890	GGCCGUCC CUGAUGAG GCCGUUAGGC CGAA ICUGGUGA	28265
$\vdash$		UGGACGGC C AGGUUGGU	9891	ACCAACCU CUGAUGAG GCCGUUAGGC CGAA ICCGUCCA	28266
1496	9534		<b></b>	CACCAACC CUGAUGAG GCCGUUAGGC CGAA ICCGUCC	28267
1497	9533	GGACGGCC A GGUUGGUG	9892		
1529	9501	UAGGUGAC A ACUUGUCC	9893	GGACAAGU CUGAUGAG GCCGUUAGGC CGAA IUCACCUA	28268
1532	9498	GUGACAAC U UGUCCACU	9894	AGUGGACA CUGAUGAG GCCGUUAGGC CGAA IUUGUCAC	28269
1537	9493	AACUUGUC C ACUCCCCC	9895	GGGGGAGU CUGAUGAG GCCGUUAGGC CGAA IACAAGUU	28270
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGGAG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU	28271
1540	9490	UUGUCCAC U CCCCCUCU	9897	AGAGGGGG CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	28272
1542	9488	GUCCACUC C CCCUCUGA	9898	UCAGAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGGAC	28273
1543	9487	UCCACUCC C CCUCUGAU	9899	AUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAGUGGA	28274
1544	9486	CCACUCCC C CUCUGAUC	9900	GAUCAGAG CUGAUGAG GCCGUUAGGC CGAA IGGAGUGG	28275
1545	9485	CACUCCCC C UCUGAUCU	9901	AGAUCAGA CUGAUGAG GCCGUUAGGC CGAA IGGGAGUG	28276
1546	9484	ACUCCCCC U CUGAUCUU	9902	AAGAUCAG CUGAUGAG GCCGUUAGGC CGAA IGGGGAGU	28277
1548	9482	UCCCCCUC U GAUCUUCU	9903	AGAAGAUC CUGAUGAG GCCGUUAGGC CGAA IAGGGGGA	28278
1553	9477	CUCUGAUC U UCUCUGGA	9904	UCCAGAGA CUGAUGAG GCCGUUAGGC CGAA IAUCAGAG	28279
1556	9474	UGAUCUUC U CUGGAGAU	9905	AUCUCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUCA	28280
1558	9472	AUCUUCUC U GGAGAUAA	9906	UUAUCUCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU	28281
1568	9462	GAGAUAAC A UCCAUGAC	9907	GUCAUGGA CUGAUGAG GCCGUUAGGC CGAA IUUAUCUC	28282
		AUAACAUC C AUGACGGU	9908	ACCGUCAU CUGAUGAG GCCGUUAGGC CGAA IAUGUUAU	28283
1571	9459	<del></del>		ACCGUCA CUGAUGAG GCCGUUAGGC CGAA IAAUGUUA	28284
1572	9458	UAACAUCC A UGACGGUU	9909		28285
1582	9448	GACGGUUC U UCCAUCAG	9910		<u> </u>
1585	9445	GGUUCUUC C AUCAGCAG	9911	CUGCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAGAACC	28286
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCUGCUGA CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	28287
1589	9441	CUUCCAUC A GCAGCCGG	9913	CCGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGAAG	28288
1592	9438	CCAUCAGC A GCCGGGCG	9914	CGCCCGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGG	28289
1595	9435	UCAGCAGC C GGGCGCAU	9915	AUGCGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA	28290
1602	9428	CCGGGCGC A UCACUUUC	9916	GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICGCCCGG	28291
1605	9425	GGCGCAUC A CUUUCACA	9917	UGUGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCGCC	28292
1607	9423	CGCAUCAC U UUCACAAC	9918	GUUGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCG	28293
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	28294
1613	9417	ACUUUCAC A ACUUUGUG	9920	CACAAAGU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGU	28295
1616	9414	UUCACAAC U UUGUGACG	9921	CGUCACAA CUGAUGAG GCCGUUAGGC CGAA IUUGUGAA	28296
1635	9395	AGGUGAGC U CAAUGAUG	9922	CAUCAUUG CUGAUGAG GCCGUUAGGC CGAA ICUCACCU	28297
1637	9393	GUGAGCUC A AUGAUGGC	9923	GCCAUCAU CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	28298
1646	9384	AUGAUGGC C CUGGCAAG	9924	CUUGCCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU	28299
		UGAUGGCC C UGGCAAGA		UCUUGCCA CUGAUGAG GCCGUUAGGC CGAA ICCAUCA	28300
1647	9383		9925		
1648	9382	GAUGGCCC U GGCAAGAC	9926	GUCUUGCC CUGAUGAG GCCGUUAGGC CGAA IGGCCAUC	28301
1652	9378	GCCCUGGC A AGACGCCG	9927	CGGCGUCU CUGAUGAG GCCGUUAGGC CGAA ICCAGGGC	28302
1659	9371	CAAGACGC C GAUGUUCC	9928	GGAACAUC CUGAUGAG GCCGUUAGGC CGAA ICGUCUUG	28303
1667	9363	CGAUGUUC C CCAUCAAG	9929	CUUGAUGG CUGAUGAG GCCGUUAGGC CGAA IAACAUCG	28304
1668	9362	GAUGUUCC C CAUCAAGC	9930	GCUUGAUG CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	28305
1669	9361	AUGUUCCC C AUCAAGCA	9931	UGCUUGAU CUGAUGAG GCCGUUAGGC CGAA IGGAACAU	28306
1670	9360	UGUUCCCC A UCAAGCAG	9932	CUGCUUGA CUGAUGAG GCCGUUAGGC CGAA IGGGAACA	28307
1673	9357	UCCCCAUC A AGCAGCUC	9933	GAGCUGCU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	28308

#### Table IX CAUCAAGC A GCUCAAGC GCUUGAGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG GGUGCUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUUG CAAGCAGC U CAAGCACC AGCAGCUC A AGCACCUU AAGGUGCU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU GCUCAAGC A CCUUAGCU AGCUAAGG CUGAUGAG GCCGUUAGGC CGAA ICUUGAGC UCAAGCAC C UUAGCUUC GAAGCUAA CUGAUGAG GCCGUUAGGC CGAA IUGCUUGA CAAGCACC U UAGCUUCA UGAAGCUA CUGAUGAG GCCGUUAGGC CGAA IGUGCUUG ACCUUAGC U UCAUUUUC GAAAAUGA CUGAUGAG GCCGUUAGGC CGAA ICUAAGGU UUGGAAAA CUGAUGAG GCCGUUAGGC CGAA IAAGCUAA UUAGCUUC A UUUUCCAA UCAUUUUC C AAGUCAGC GCUGACUU CUGAUGAG GCCGUUAGGC CGAA IAAAAUGA AGCUGACU CUGAUGAG GCCGUUAGGC CGAA IGAAAAUG CAUUUUCC A AGUCAGCU ACGAGAGC CUGAUGAG GCCGUUAGGC CGAA IACUUGGA UCCAAGUC A GCUCUCGU AUCACGAG CUGAUGAG GCCGUUAGGC CGAA ICUGACUU AAGUCAGC U CUCGUGAU GUCAGCUC U CGUGAUGC GCAUCACG CUGAUGAG GCCGUUAGGC CGAA IAGCUGAC CGGGUGUC C CAGCCAGC GCUGGCUG CUGAUGAG GCCGUUAGGC CGAA IACACCCG GGGUGUCC C AGCCAGCU AGCUGGCU CUGAUGAG GCCGUUAGGC CGAA IGACACCC GGUGUCCC A GCCAGCUG CAGCUGGC CUGAUGAG GCCGUUAGGC CGAA IGGACACC GUCCCAGC C AGCUGUGU ACACAGCU CUGAUGAG GCCGUUAGGC CGAA ICUGGGAC UCCCAGCC A GCUGUGUC GACACAGC CUGAUGAG GCCGUUAGGC CGAA IGCUGGGA CAGCCAGC U GUGUCAUC GAUGACAC CUGAUGAG GCCGUUAGGC CGAA ICUGGCUG GCUGUGUC A UCAGCAUA UAUGCUGA CUGAUGAG GCCGUUAGGC CGAA IACACAGC AUCUAUGC CUGAUGAG GCCGUUAGGC CGAA IAUGACAC GUGUCAUC A GCAUAGAU AAGAUCUA CUGAUGAG GCCGUUAGGC CGAA ICUGAUGA UCAUCAGC A UAGAUCUU CAUAGAUC U UGCCCCCA UGGGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUCUAUG GGCCUGGG CUGAUGAG GCCGUUAGGC CGAA ICAAGAUC GAUCUUGC C CCCAGGCC CGGCCUGG CUGAUGAG GCCGUUAGGC CGAA IGCAAGAU AUCUUGCC C CCAGGCCG UCUUGCCC C CAGGCCGG CCGGCCUG CUGAUGAG GCCGUUAGGC CGAA IGGCAAGA CUUGCCCC C AGGCCGGG CCCGGCCU CUGAUGAG GCCGUUAGGC CGAA IGGGCAAG UUGCCCCC A GGCCGGGU ACCCGGCC CUGAUGAG GCCGUUAGGC CGAA IGGGGCAA CCCCAGGC C GGGUGCCA UGGCACCC CUGAUGAG GCCGUUAGGC CGAA ICCUGGGG CCGGGUGC C AACUUCAC GUGAAGUU CUGAUGAG GCCGUUAGGC CGAA ICACCCGG CGUGAAGU CUGAUGAG GCCGUUAGGC CGAA IGCACCCG CGGGUGCC A ACUUCACG GUGCCAAC U UCACGCAG CUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IUUGGCAC CCAACUUC A CGCAGGAU AUCCUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGUUGG CUUCACGC A GGAUGUAA UUACAUCC CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG GAUGUAAC C CAGUUUUU AAAAACUG CUGAUGAG GCCGUUAGGC CGAA IUUACAUC AUGUAACC C AGUUUUUG CAAAAACU CUGAUGAG GCCGUUAGGC CGAA IGUUACAU UGUAACCC A GUUUUUGG CCAAAAAC CUGAUGAG GCCGUUAGGC CGAA IGGUUACA UUGGAGGC C CAAGCCCU AGGGCUUG CUGAUGAG GCCGUUAGGC CGAA ICCUCCAA UGGAGGCC C AAGCCCUC GAGGGCUU CUGAUGAG GCCGUUAGGC CGAA IGCCUCCA CGAGGGCU CUGAUGAG GCCGUUAGGC CGAA IGGCCUCC GGAGGCCC A AGCCCUCG GUGUCGAG CUGAUGAG GCCGUUAGGC CGAA ICUUGGGC GCCCAAGC C CUCGACAC GGUGUCGA CUGAUGAG GCCGUUAGGC CGAA IGCUUGGG CCCAAGCC C UCGACACC CCAAGCCC U CGACACCU AGGUGUCG CUGAUGAG GCCGUUAGGC CGAA IGGCUUGG CCCUCGAC A CCUCCUCC GGAGGAGG CUGAUGAG GCCGUUAGGC CGAA IUCGAGGG CUCGACAC C UCCUCCUG CAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IUGUCGAG UCGACACC U CCUCCUGA UCAGGAGG CUGAUGAG GCCGUUAGGC CGAA IGUGUCGA ACUCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGUC GACACCUC C UCCUGAGU ACACCUCC U CCUGAGUU AACUCAGG CUGAUGAG GCCGUUAGGC CGAA IGAGGUGU ACCUCCUC C UGAGUUCU AGAACUCA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGU CCUCCUCC U GAGUUCUU AAGAACUC CUGAUGAG GCCGUUAGGC CGAA IGAGGAGG CUGAGUUC U UUCUUCCA UGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IAACUCAG GUUCUUUC U UCCAAGCC GGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC CUUUCUUC C AAGCCAGU ACUGGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGAAAG UUUCUUCC A AGCCAGUG CACUGGCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAA UUCCAAGC C AGUGGUCU AGACCACU CUGAUGAG GCCGUUAGGC CGAA ICUUGGAA UCCAAGCC A GUGGUCUU AAGACCAC CUGAUGAG GCCGUUAGGC CGAA IGCUUGGA CAGUGGUC U UCAUUGAG CUCAAUGA CUGAUGAG GCCGUUAGGC CGAA IACCACUG UGGUCUUC A UUGAGAAA UUUCUCAA CUGAUGAG GCCGUUAGGC CGAA IAAGACCA GAGAAAAC C CAGAGCCU AGGCUCUG CUGAUGAG GCCGUUAGGC CGAA IUUUUCUC

GAGGCUCU CUGAUGAG GCCGUUAGGC CGAA IGUUUUCU

CGAGGCUC CUGAUGAG GCCGUUAGGC CGAA IGGUUUUC

AGAAAACC C AGAGCCUC

GAAAACCC A GAGCCUCG

J 02/000001	Table IX
	I anic IV

1000	63.45	CCCAGAGC C UCGAACUC	0005	ONGUEROUN CHICALICAC COCCUERACCO CONN. TOROGOGO	
1883	9147		9995 9996	GAGUUCGA CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	28370
1884	9146	CCAGAGCC U CGAACUCC	<u> </u>	GGAGUUCG CUGAUGAG GCCGUUAGGC CGAA IGCUCUGG	28371
1890	9140	CCUCGAAC U CCAGAAAG	9997	CUUUCUGG CUGAUGAG GCCGUUAGGC CGAA IUUCGAGG	28372
1892	9138	UCGAACUC C AGAAAGCG	9998	CGCUUUCU CUGAUGAG GCCGUUAGGC CGAA IAGUUCGA	28373
1893	9137	CGAACUCC A GAAAGCGA	9999	UCGCUUUC CUGAUGAG GCCGUUAGGC CGAA IGAGUUCG	28374
1904	9126	AAGCGAGC U CCGAGCCA	10000	UGGCUCGG CUGAUGAG GCCGUUAGGC CGAA ICUCGCUU	28375
1906	9124	GCGAGCUC C GAGCCACA	10001	UGUGGCUC CUGAUGAG GCCGUUAGGC CGAA IAGCUCGC	28376
1911	9119	CUCCGAGC C ACAUGAAC	10002	GUUCAUGU CUGAUGAG GCCGUUAGGC CGAA ICUCGGAG	28377
1912	9118	UCCGAGCC A CAUGAACC	10003	GGUUCAUG CUGAUGAG GCCGUUAGGC CGAA IGCUCGGA	28378
1914	9116	CGAGCCAC A UGAACCAA	10004	UUGGUUCA CUGAUGAG GCCGUUAGGC CGAA IUGGCUCG	28379
1920	9110	ACAUGAAC C AAAUGGCU	10005	AGCCAUUU CUGAUGAG GCCGUUAGGC CGAA IUUCAUGU	28380
1921	9109	CAUGAACC A AAUGGCUC	10006	GAGCCAUU CUGAUGAG GCCGUUAGGC CGAA IGUUCAUG	28381
1928	9102	CAAAUGGC U CUGCUUCC	10007	GGAAGCAG CUGAUGAG GCCGUUAGGC CGAA ICCAUUUG	28382
1930	9100	AAUGGCUC U GCUUCCCU	10008	AGGGAAGC CUGAUGAG GCCGUUAGGC CGAA IAGCCAUU	28383
1933	9097	GGCUCUGC U UCCCUUGG	10009	CCAAGGGA CUGAUGAG GCCGUUAGGC CGAA ICAGAGCC	28384
1936	9094	ncnecanc c caneecca	10010	AGGCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGA	28385
1937	9093	CUGCUUCC C UUGGCCUU	10011	AAGGCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	28386
1938	9092	neconccc n neeccann	10012	AAAGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	28387
1943	9087	CCCUUGGC C UUUCCGAA	10013	UUCGGAAA CUGAUGAG GCCGUUAGGC CGAA ICCAAGGG	28388
1944	9086	CCUUGGCC U UUCCGAAC	10014	GUUCGGAA CUGAUGAG GCCGUUAGGC CGAA IGCCAAGG	28389
1948	9082	GGCCUUUC C GAACUCUC	10015	GAGAGUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGGCC	28390
1953	9077	UUCCGAAC U CUCCGGGU	10016	ACCCGGAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAA	28391
1955	9075	CCGAACUC U CCGGGUUU	10017	AAACCCGG CUGAUGAG GCCGUUAGGC CGAA IAGUUCGG	28392
1957	9073	GAACUCUC C GGGUUUUU	10018	AAAAACCC CUGAUGAG GCCGUUAGGC CGAA IAGAGUUC	28393
1968	9062	GUUUUUUC U CUCUCUUU	10019	AAAGAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	28394
1970	9060	nnnncac a cacanacc	10020	GGAAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	28395
1972	9058	UUUCUCUC U CUUUCCCA	10021	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	28396
1974	9056	UCUCUCUC U UUCCCAUC	10022	GAUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGAGA	28397
1978	9052	UCUCUUUC C CAUCAUGU	10023	ACAUGAUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGA	28398
1979	9051	CUCUUUCC C AUCAUGUU	10024	AACAUGAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAG	28399
1980	9050	UCUUUCCC A UCAUGUUG	10025	CAACAUGA CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA	28400
1983	9047	UUCCCAUC A UGUUGUAA	10026	UUACAACA CUGAUGAG GCCGUUAGGC CGAA IAUGGGAA	28401
1996	9034	GUAAAUGC A AGUGUGAC	10027	GUCACACU CUGAUGAG GCCGUUAGGC CGAA ICAUUUAC	28402
2005	9025	AGUGUGAC A UUCCCCCC	10028	GGGGGGAA CUGAUGAG GCCGUUAGGC CGAA IUCACACU	28403
2009	9021	UGACAUUC C CCCCGCAG	10029	CUGCGGGG CUGAUGAG GCCGUUAGGC CGAA IAAUGUCA	28404
2010	9020	GACAUUCC C CCCGCAGA	10030	UCUGCGGG CUGAUGAG GCCGUUAGGC CGAA IGAAUGUC	28405
2011	9019	ACAUUCCC C CCGCAGAU	10031	AUCUGCGG CUGAUGAG GCCGUUAGGC CGAA IGGAAUGU	28406
2012	9018	CAUUCCCC C CGCAGAUG	10032	CAUCUGCG CUGAUGAG GCCGUUAGGC CGAA IGGGAAUG	28407
2013	9017	AUUCCCCC C GCAGAUGU	10033	ACAUCUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGAAU	28408
2016	9014	CCCCCGC A GAUGUGCC	10034	GGCACAUC CUGAUGAG GCCGUUAGGC CGAA ICGGGGGG	28409
2024	9006	AGAUGUGC C UCGCGCUC	10035	GAGCGCGA CUGAUGAG GCCGUUAGGC CGAA ICACAUCU	28410
2025	9005	GAUGUGCC U CGCGCUCC	10036	GGAGCGCG CUGAUGAG GCCGUUAGGC CGAA IGCACAUC	28411
2031	8999	CCUCGCGC U CCUCAUCC		GGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCGAGG	28412
2033	8997	UCGCGCUC C UCAUCCAC	10038	GUGGAUGA CUGAUGAG GCCGUUAGGC CGAA IAGCGCGA	28413
2034	8996	CGCGCUCC U CAUCCACC	10039	GGUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAGCGCG	28414
2036	8994	CGCUCCUC A UCCACCAU	10040	AUGGUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGAGCG	28415
2039	8991	UCCUCAUC C ACCAUCUC	10041	GAGAUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGAGGA	28416
2040	8990	CCUCAUCC A CCAUCUCC	10042	GGAGAUGG CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	28417
2042	8988	UCAUCCAC C AUCUCCCA	10043	UGGGAGAU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGA	28418
2043	8987	CAUCCACC A UCUCCCAA	10044	UUGGGAGA CUGAUGAG GCCGUUAGGC CGAA IGUGGAUG	28419
2046	8984	CCACCAUC U CCCAAAAU	10045	AUUUUGGG CUGAUGAG GCCGUUAGGC CGAA IAUGGUGG	28420
2048	8982	ACCAUCUC C CAAAAUUU	10046	AAAUUUUG CUGAUGAG GCCGUUAGGC CGAA IAGAUGGU	28421
2049	8981	CCAUCUCC C AAAAUUUU	10047	AAAAUUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAUGG	28422
2050	8980	CAUCUCCC A AAAUUUUG	10048	CAAAAUUU CUGAUGAG GCCGUUAGGC CGAA IGGAGAUG	28423
2063	8967	UUUGGAUC U UCAACUGC	10049	GCAGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUCCAAA	28424
2066	8964	GGAUCUUC A ACUGCUUC	10050	GAAGCAGU CUGAUGAG GCCGUUAGGC CGAA IAAGAUCC	28425
2069	8961	UCUUCAAC U GCUUCUCU	10051	AGAGAAGC CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA	28426
2072	8958	UCAACUGC U UCUCUGGC	10052	GCCAGAGA CUGAUGAG GCCGUUAGGC CGAA ICAGUUGA	28427
2075	8955	ACUGCUUC U CUGGCGCU	10053	AGCGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU	28428
2077	8953	UGCUUCUC U GGCGCUCC	10054	GGAGCGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA	28429
2083	8947	UCUGGCGC U CCUCCAUU	10055	AAUGGAGG CUGAUGAG GCCGUUAGGC CGAA ICGCCAGA	28430
		<del></del>			

	WO 02	2/068637		Table IX	PC1/0501/48350	
		- Transport of Transport	120056		COCCUTINGCO CONN TACCOCON	20427
2085	8945	UGGCGCUC C UCCAUUGA	10056		AG GCCGUUAGGC CGAA IAGCGCCA	28431
2086	8944	GGCGCUCC U CCAUUGAU	10057	AUCAAUGG CUGAUGA		28432
2088	8942	CGCUCCUC C AUUGAUUC	10058	GAAUCAAU CUGAUGA		28433
2089	8941	GCUCCUCC A UUGAUUCU	10059	AGAAUCAA CUGAUGA		28434
2097	8933	AUUGAUUC U GCUCUUCA	10060	UGAAGAGC CUGAUGA		28435
2100	8930	GAUUCUGC U CUUCAAAC	10061	GUUUGAAG CUGAUGA		28436
2102	8928	UUCUGCUC U UCAAACAU	10062	AUGUUUGA CUGAUGA	<del></del>	28437
2105	8925	UGCUCUUC A AACAUGGC	10063	GCCAUGUU CUGAUGA		28438
2109	8921	CUUCAAAC A UGGCACCC	10064	GGGUGCCA CUGAUGA		28439
2114	8916	AACAUGGC A CCCAAAGC	10065	GCUUUGGG CUGAUGA		28440
2116	8914	CAUGGCAC C CAAAGCUG	10066	CAGCUUUG CUGAUGA		28441
2117	8913	AUGGCACC C AAAGCUGC	10067	GCAGCUUU CUGAUGA		28442
2118	8912	UGGCACCC A AAGCUGCA	10068	UGCAGCUU CUGAUGA		28443
2123	8907	CCCAAAGC U GCAUUGCU	10069	AGCAAUGC CUGAUGA	<del></del>	28444
2126	8904	AAAGCUGC A UUGCUGUU	10070	AACAGCAA CUGAUGA		28445
2131	8899	UGCAUUGC U GUUGACCU	10071	AGGUCAAC CUGAUGA		28446
2138	8892	CUGUUGAC C UUUCUUAU	10072	AUAAGAAA CUGAUGA		28447
2139	8891	UGUUGACC U UUCUUAUG	10073	CAUAAGAA CUGAUGA		28448
2143	8887	GACCUUUC U UAUGAAUU	10074	AAUUCAUA CUGAUGA		28449
2153	8877	AUGAAUUC C UCUCGAGA	10075	UCUCGAGA CUGAUGA	AG GCCGUUAGGC CGAA IAAUUCAU	28450
2154	8876	UGAAUUCC U CUCGAGAG	10076	CUCUCGAG CUGAUGA	AG GCCGUUAGGC CGAA IGAAUUCA	28451
2156	8874	AAUUCCUC U CGAGAGCA	10077	UGCUCUCG CUGAUGA	AG GCCGUUAGGC CGAA IAGGAAUU	28452
2164	8866	UCGAGAGC A CAUUCUGG	10078	CCAGAAUG CUGAUGA	AG GCCGUUAGGC CGAA ICUCUCGA	28453
2166	8864	GAGAGCAC A UUCUGGGA	10079	UCCCAGAA CUGAUGA	AG GCCGUUAGGC CGAA IUGCUCUC	28454
2170	8860	GCACAUUC U GGGACGUU	10080	AACGUCCC CUGAUGA	AG GCCGUUAGGC CGAA IAAUGUGC	28455
2183	8847	CGUUUUUC U CUGGCCAA	10081	UUGGCCAG CUGAUGA	AG GCCGUUAGGC CGAA IAAAAACG	28456
2185	8845	UUUUUCUC U GGCCAAAA	10082	UUUUGGCC CUGAUGA	AG GCCGUUAGGC CGAA IAGAAAAA	28457
2189	8841	UCUCUGGC C AAAAACGC	10083	GCGUUUUU CUGAUGA	AG GCCGUUAGGC CGAA ICCAGAGA	28458
2190	8840	CUCUGGCC A AAAACGCC	10084	GGCGUUUU CUGAUGA	AG GCCGUUAGGC CGAA IGCCAGAG	28459
2198	8832	AAAAACGC C CACAACCA	10085	UGGUUGUG CUGAUGA	AG GCCGUUAGGC CGAA ICGUUUUU	28460
2199	8831	AAAACGCC C ACAACCAG	10086	CUGGUUGU CUGAUGA	AG GCCGUUAGGC CGAA IGCGUUUU	28461
2200	8830	AAACGCCC A CAACCAGU	10087	ACUGGUUG CUGAUGA	AG GCCGUUAGGC CGAA IGGCGUUU	28462
2202	8828	ACGCCCAC A ACCAGUUG	10088	CAACUGGU CUGAUGA	AG GCCGUUAGGC CGAA IUGGGCGU	28463
2205	8825	CCCACAAC C AGUUGGUG	10089	CACCAACU CUGAUGA	AG GCCGUUAGGC CGAA IUUGUGGG	28464
2206	8824	CCACAACC A GUUGGUGG	10090	CCACCAAC CUGAUGA	AG GCCGUUAGGC CGAA IGUUGUGG	28465
2217	8813	UGGUGGUC U CAUUGAGC	10091	GCUCAAUG CUGAUGA	AG GCCGUUAGGC CGAA IACCACCA	28466
2219	8811	GUGGUCUC A UUGAGCAC	10092	GUGCUCAA CUGAUGA	AG GCCGUUAGGC CGAA IAGACCAC	28467
2226	8804	CAUUGAGC A CGUACUUC	10093	GAAGUACG CUGAUGA	AG GCCGUUAGGC CGAA ICUCAAUG	28468
2232	8798	GCACGUAC U UCACUCCU	10094	AGGAGUGA CUGAUGA	AG GCCGUUAGGC CGAA IUACGUGC	28469
2235	8795	CGUACUUC A CUCCUUCU	10095	AGAAGGAG CUGAUGA	AG GCCGUUAGGC CGAA IAAGUACG	28470
2237	8793	UACUUCAC U CCUUCUGG	10096	CCAGAAGG CUGAUGA	AG GCCGUUAGGC CGAA IUGAAGUA	28471
2239	8791	CUUCACUC C UUCUGGCG	10097	CGCCAGAA CUGAUGA	AG GCCGUUAGGC CGAA IAGUGAAG	28472
2240	8790	UUCACUCC U UCUGGCGG	10098	CCGCCAGA CUGAUGA	AG GCCGUUAGGC CGAA IGAGUGAA	28473
2243	8787	ACUCCUUC U GGCGGUUC	10099	GAACCGCC CUGAUGA	AG GCCGUUAGGC CGAA IAAGGAGU	28474
2252	8778	GGCGGUUC A GGAGCUUU	10100	AAAGCUCC CUGAUGA	AG GCCGUUAGGC CGAA IAACCGCC	28475
2258	8772	UCAGGAGC U UUCGUGUC	10101	GACACGAA CUGAUGA	AG GCCGUUAGGC CGAA ICUCCUGA	28476
2267	8763	UUCGUGUC C ACCUUCUC	10102	GAGAAGGU CUGAUGA	AG GCCGUUAGGC CGAA IACACGAA	28477
2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG CUGAUGA	AG GCCGUUAGGC CGAA IGACACGA	28478
2270	8760	GUGUCCAC C UUCUCUUU	10104	AAAGAGAA CUGAUGA	AG GCCGUUAGGC CGAA IUGGACAC	28479
2271	8759	UGUCCACC U UCUCUUUG	10105	CAAAGAGA CUGAUGA	AG GCCGUUAGGC CGAA IGUGGACA	28480
2274	8756	CCACCUUC U CUUUGAAC	10106	GUUCAAAG CUGAUGA	AG GCCGUUAGGC CGAA IAAGGUGG	28481
2276	8754	ACCUUCUC U UUGAACAC	10107	GUGUUCAA CUGAUGA	AG GCCGUUAGGC CGAA IAGAAGGU	28482
2283	8747	CUUUGAAC A CUCGCUGC	10108	GCAGCGAG CUGAUGA	AG GCCGUUAGGC CGAA IUUCAAAG	28483
2285	8745	UUGAACAC U CGCUGCUG	10109	<del></del>	AG GCCGUUAGGC CGAA IUGUUCAA	28484
2289	8741	ACACUCGC U GCUGCCCG	10110	<del></del>	AG GCCGUUAGGC CGAA ICGAGUGU	28485
2292	8738	CUCGCUGC U GCCCGAAG	10111		AG GCCGUUAGGC CGAA ICAGCGAG	28486
2295	8735	GCUGCUGC C CGAAGGGA	10112		AG GCCGUUAGGC CGAA ICAGCAGC	28487
2296	8734	CUGCUGCC C GAAGGGAG	10113		AG GCCGUUAGGC CGAA IGCAGCAG	28488
2312	8718	GUAGUGUC A GUCAUGGC	10114		AG GCCGUUAGGC CGAA IACACUAC	28489
2316	8714	UGUCAGUC A UGGCCAUG	10115		AG GCCGUUAGGC CGAA IACUGACA	28490
2321	8709	GUCAUGGC C AUGGUGGU	10116		AG GCCGUUAGGC CGAA ICCAUGAC	28491

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	W O 02	/00803/		Table IX	1 C 1/ U301/40330	
2322	8708	UCAUGGCC A UGGUGGUA	10117	UACCACCA CUGAUGAG GCC	GUUAGGC CGAA IGCCAUGA	28492
2333	8697	GUGGUAAC A UUCGUGAU	10118	AUCACGAA CUGAUGAG GCC	GUUAGGC CGAA IUUACCAC	28493
2348	8682	AUGGUGUC C CAUGGUUU	10119	AAACCAUG CUGAUGAG GCO	GUUAGGC CGAA IACACCAU	28494
2349	8681	UGGUGUCC C AUGGUUUU	10120	AAAACCAU CUGAUGAG GCC	GUUAGGC CGAA IGACACCA	28495
2350	8680	GGUGUCCC A UGGUUUUG	10121	CAAAACCA CUGAUGAG GCC	GUUAGGC CGAA IGGACACC	28496
2367	8663	AGAGGAGC C UGACCACU	10122	AGUGGUCA CUGAUGAG GCC	GUUAGGC CGAA ICUCCUCU	28497
2368	8662	GAGGAGCC U GACCACUC	10123	GAGUGGUC CUGAUGAG GCC	GUUAGGC CGAA IGCUCCUC	28498
2372	8658	AGCCUGAC C ACUCCAUU	10124	AAUGGAGU CUGAUGAG GCO		28499
2373	8657	GCCUGACC A CUCCAUUG	10125	CAAUGGAG CUGAUGAG GCC		28500
2375	8655	CUGACCAC U CCAUUGAC	10126	GUCAAUGG CUGAUGAG GCO	<del></del>	28501
2377	8653	GACCACUC C AUUGACCA	10127	UGGUCAAU CUGAUGAG GCC		28502
2378	8652	ACCACUCC A UUGACCAG	10128	CUGGUCAA CUGAUGAG GCC		28503
2384	8646	CCAUUGAC C AGCGAACU	10129		GUUAGGC CGAA IUCAAUGG	28504
2385	8645	CAUUGACC A GCGAACUG	10130		GUUAGGC CGAA IGUCAAUG	28505
2392	8638	CAGCGAAC U GGCGGAGC	10131		GUUAGGC CGAA IUUCGCUG	28506
2401	8629	GGCGGAGC C UGUGGGCU	10132	AGCCCACA CUGAUGAG GCC	<del></del>	28507
2402	8628 8621	GCGGAGCC U GUGGGCUU CUGUGGGC U UCACAUCA	10133		GUUAGGC CGAA IGCUCCGC GUUAGGC CGAA ICCCACAG	28508 28509
2412	8618	UGGGCUUC A CAUCAUAA	10134	UUAUGAUG CUGAUGAG GCC		28509
2412	8616	GGCUUCAC A UCAUAACU	10135	AGUUAUGA CUGAUGAG GCC		28510
2414	8613	UUCACAUC A UAACUGCC	10136	GGCAGUUA CUGAUGAG GCC	<del></del>	28511
2422	8608	AUCAUAAC U GCCGUGAU	10138		GUUAGGC CGAA IUUAUGAU	28513
2425	8605	AUAACUGC C GUGAUAGU	10139	ACUAUCAC CUGAUGAG GCC		28514
2436	8594	GAUAGUUC C AGGUUCUA	10140	UAGAACCU CUGAUGAG GCC		28515
2437	8593	AUAGUUCC A GGUUCUAU	10141	AUAGAACC CUGAUGAG GCC	<del></del>	28516
2443	8587	CCAGGUUC U AUAUGGGU	10142	ACCCAUAU CUGAUGAG GCC		28517
2457	8573	GGUGGUUC U CAUCGUGG	10143	CCACGAUG CUGAUGAG GCC		28518
2459	8571	UGGUUCUC A UCGUGGUG	10144	CACCACGA CUGAUGAG GCC		28519
2469	8561	CGUGGUGC C ACGUCGAA	10145	UUCGACGU CUGAUGAG GCC	GUUAGGC CGAA ICACCACG	28520
2470	8560	GUGGUGCC A CGUCGAAC	10146	GUUCGACG CUGAUGAG GCC	GUUAGGC CGAA IGCACCAC	28521
2479	8551	CGUCGAAC U GUACUCAC	10147	GUGAGUAC CUGAUGAG GCC	GUUAGGC CGAA IUUCGACG	28522
2484	8546	AACUGUAC U CACGCCUG	10148	CAGGCGUG CUGAUGAG GCC	GUUAGGC CGAA IUACAGUU	28523
2486	8544	CUGUACUC A CGCCUGAG	10149	CUCAGGCG CUGAUGAG GCC	GUUAGGC CGAA IAGUACAG	28524
2490	8540	ACUCACGC C UGAGUCGU	10150	ACGACUCA CUGAUGAG GCC	GUUAGGC CGAA ICGUGAGU	28525
2491	8539	CUCACGCC U GAGUCGUU	10151	AACGACUC CUGAUGAG GCC	GUUAGGC CGAA IGCGUGAG	28526
2501	8529	AGUCGUUC A AUCCUGUU	10152	·	GUUAGGC CGAA IAACGACU	28527
2505	8525	GUUCAAUC C UGUUCUUG	10153		GUUAGGC CGAA IAUUGAAC	28528
2506	8524	UUCAAUCC U GUUCUUGA	10154	UCAAGAAC CUGAUGAG GCC		28529
2511	8519	UCCUGUUC U UGAUUUUA	10155	UAAAAUCA CUGAUGAG GCC		28530
2521	8509	GAUUUUAC U GGUGUCUG	10156	CAGACACC CUGAUGAG GCC	<del></del>	28531
2528	8502	CUGGUGUC U GAGUUGAG	10157	CUCAACUC CUGAUGAG GCC		28532
2538	8492	AGUUGAGC A GGGGUUUU	10158	AAAACCCC CUGAUGAG GCC		28533
2548 2549	8482	GGUUUUCC C ACCGCCCU		ACCCCCUL CUCAUGAG GCC		28534
2550	8481 8480	GUUUUCCC A CCGCCCUG	10160	CAGGGCGG CUGAUGAG GCC	GUUAGGC CGAA IGAAAACC	28535
2552	8478	UUUCCCAC C GCCCUGGU	10161	ACCAGGGC CUGAUGAG GCC		28536 28537
2555	8475	CCCACCGC C CUGGUUCC	10163	GGAACCAG CUGAUGAG GCC		28538
2556	8474	CCACCGCC C UGGUUCCA	10164	UGGAACCA CUGAUGAG GCC	<del></del>	28539
2557	8473	CACCGCCC U GGUUCCAC	10165	GUGGAACC CUGAUGAG GCC		28540
2563	8467	CCUGGUUC C ACUUCCCA	10166	UGGGAAGU CUGAUGAG GCC		28541
2564	8466	CUGGUUCC A CUUCCCAA	10167	UUGGGAAG CUGAUGAG GCC		28542
2566	8464	GGUUCCAC U UCCCAAGU	10168	ACUUGGGA CUGAUGAG GCC		28543
2569	8461	UCCACUUC C CAAGUUUA	10169		GUUAGGC CGAA IAAGUGGA	28544
2570	8460	CCACUUCC C AAGUUUAC	10170	GUAAACUU CUGAUGAG GCC		28545
2571	8459	CACUUCCC A AGUUUACA	10171	UGUAAACU CUGAUGAG GCC		28546
2579	8451	AAGUUUAC A UCUUCCUC	10172	GAGGAAGA CUGAUGAG GCC		28547
2582	8448	UUUACAUC U UCCUCGUA	10173	UACGAGGA CUGAUGAG GCC	GUUAGGC CGAA IAUGUAAA	28548
2585	8445	ACAUCUUC C UCGUAUUG	10174	CAAUACGA CUGAUGAG GCC	GUUAGGC CGAA IAAGAUGU	28549
2586	8444	CAUCUUCC U CGUAUUGG	10175	CCAAUACG CUGAUGAG GCC	GUUAGGC CGAA IGAAGAUG	28550
2599	8431	UUGGGGUC C CUUCCAGG	10176	CCUGGAAG CUGAUGAG GCC	GUUAGGC CGAA IACCCCAA	28551
2600	8430	UGGGGUCC C UUCCAGGU	10177	ACCUGGAA CUGAUGAG GCC	GUUAGGC CGAA IGACCCCA	28552

0601	0400	GGGGUCCC U UCCAGGUC	10178	GACCUGGA CUGAUGAG GCCGUUAGGC CGAA IGGACCCC	28553
2601	8429			AAGGACCU CUGAUGAG GCCGUUAGGC CGAA IAAGGGAC	
2604	8426	GUCCCUUC C AGGUCCUU	10179		28554
2605	8425	UCCCUUCC A GGUCCUUU	10180	AAAGGACC CUGAUGAG GCCGUUAGGC CGAA IGAAGGGA	28555
2610	8420	UCCAGGUC C UUUUUUCC	10181	GGAAAAA CUGAUGAG GCCGUUAGGC CGAA IACCUGGA	28556
2611	8419	CCAGGUCC U UUUUUCCA	10182	UGGAAAAA CUGAUGAG GCCGUUAGGC CGAA IGACCUGG	28557
2618	8412	CUUUUUUC C AUUCUUCC	10183	GGAAGAAU CUGAUGAG GCCGUUAGGC CGAA IAAAAAAG	28558
2619	8411	UUUUUUCC A UUCUUCCU	10184	AGGAAGAA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAA	28559
2623	8407	UUCCAUUC U UCCUAGGA	10185	UCCUAGGA CUGAUGAG GCCGUUAGGC CGAA IAAUGGAA	28560
2626	8404	CAUUCUUC C UAGGAGCA	10186	UGCUCCUA CUGAUGAG GCCGUUAGGC CGAA IAAGAAUG	28561
2627	8403	AUUCUUCC U AGGAGCAC	10187	GUGCUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAU	28562
2634	8396	CUAGGAGC A CCUGGCUG	10188	CAGCCAGG CUGAUGAG GCCGUUAGGC CGAA ICUCCUAG	28563
2636	8394	AGGAGCAC C UGGCUGGU	10189	ACCAGCCA CUGAUGAG GCCGUUAGGC CGAA IUGCUCCU	28564
2637	8393	GGAGCACC U GGCUGGUC	10190	GACCAGCC CUGAUGAG GCCGUUAGGC CGAA IGUGCUCC	28565
2641	8389	CACCUGGC U GGUCAUAU	10191	AUAUGACC CUGAUGAG GCCGUUAGGC CGAA ICCAGGUG	28566
		GGCUGGUC A UAUUCACU	10192	AGUGAAUA CUGAUGAG GCCGUUAGGC CGAA IACCAGCC	28567
2646	8384				
2652	8378	UCAUAUUC A CUGAAUGU	10193	ACAUUCAG CUGAUGAG GCCGUUAGGC CGAA IAAUAUGA	28568
2654	8376	AUAUUCAC U GAAUGUAC	10194	GUACAUUC CUGAUGAG GCCGUUAGGC CGAA IUGAAUAU	28569
2663	8367	GAAUGUAC C ACAUUGCC	10195	GGCAAUGU CUGAUGAG GCCGUUAGGC CGAA IUACAUUC	28570
2664	8366	AAUGUACC A CAUUGCCU	10196	AGGCAAUG CUGAUGAG GCCGUUAGGC CGAA IGUACAUU	28571
2666	8364	UGUACCAC A UUGCCUGA	10197	UCAGGCAA CUGAUGAG GCCGUUAGGC CGAA IUGGUACA	28572
2671	8359	CACAUUGC C UGAAGCUC	10198	GAGCUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAUGUG	28573
2672	8358	ACAUUGCC U GAAGCUCG	10199	CGAGCUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAUGU	28574
2678	8352	CCUGAAGC U CGACUCAC	10200	GUGAGUCG CUGAUGAG GCCGUUAGGC CGAA ICUUCAGG	28575
2683	8347	AGCUCGAC U CACCCAAU	10201	AUUGGGUG CUGAUGAG GCCGUUAGGC CGAA IUCGAGCU	28576
2685	8345	CUCGACUC A CCCAAUAC	10202	GUAUUGGG CUGAUGAG GCCGUUAGGC CGAA IAGUCGAG	28577
2687	8343	CGACUCAC C CAAUACAU	10203	AUGUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGAGUCG	28578
2688	8342	GACUCACC C AAUACAUC	10204	GAUGUAUU CUGAUGAG GCCGUUAGGC CGAA IGUGAGUC	28579
2689	8341	ACUCACCC A AUACAUCU	10205	AGAUGUAU CUGAUGAG GCCGUUAGGC CGAA IGGUGAGU	28580
2694	8336	CCCAAUAC A UCUCGUGC	10206	GCACGAGA CUGAUGAG GCCGUUAGGC CGAA IUAUUGGG	28581
2697	8333	AAUACAUC U CGUGCGUG	10207	CACGCACG CUGAUGAG GCCGUUAGGC CGAA IAUGUAUU	28582
	<del></del>	UGGAAUUC C GUGAGAGU	10207	ACUCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUUCCA	28583
2712	8318				<del> </del>
2728	8302	UGGGUUUC U GACCAGUC	10209		28584
2732	8298	UUUCUGAC C AGUCCCCC	10210	GGGGGACU CUGAUGAG GCCGUUAGGC CGAA IUCAGAAA	28585
2733	8297	UUCUGACC A GUCCCCCC	10211	GGGGGGAC CUGAUGAG GCCGUUAGGC CGAA IGUCAGAA	28586
2737	8293	GACCAGUC C CCCCCAU	10212	AUGGGGG CUGAUGAG GCCGUUAGGC CGAA IACUGGUC	28587
2738	8292	ACCAGUCC C CCCCCAUA	10213	UAUGGGG CUGAUGAG GCCGUUAGGC CGAA IGACUGGU	28588
2739	8291	CCAGUCCC C CCCCAUAC	10214	GUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGGACUGG	28589
2740	8290	CAGUCCCC C CCCAUACC	10215	GGUAUGGG CUGAUGAG GCCGUUAGGC CGAA IGGGACUG	28590
2741	8289	AGUCCCCC C CCAUACCG	10216	CGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IGGGGACU	28591
2742	8288	GUCCCCC C CAUACCGG	10217	CCGGUAUG CUGAUGAG GCCGUUAGGC CGAA IGGGGGAC	28592
2743	8287	UCCCCCC C AUACCGGC	10218	GCCGGUAU CUGAUGAG GCCGUUAGGC CGAA IGGGGGGA	28593
2744	8286	CCCCCCC A UACCGGCG	10219	CGCCGGUA CUGAUGAG GCCGUUAGGC CGAA IGGGGGGG	28594
2748	8282	CCCCAUAC C GGCGUUGG		CCAACGCC CUGAUGAG GCCGUUAGGC CGAA IUAUGGGG	28595
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2763	8267	GGAGCAGC U CCAUCUUC		GAAGAUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCC	28597
2765	8265	AGCAGCUC C AUCUUCUC		GAGAAGAU CUGAUGAG GCCGUUAGGC CGAA IAGCUGCU	28598
2766	8264	GCAGCUCC A UCUUCUCU		AGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUGC	28599
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2774	8256	AUCUUCUC U AUGACUUU		AAAGUCAU CUGAUGAG GCCGUUAGGC CGAA IAGAAGAU	28602
2780	8250	UCUAUGAC U UUCGGCAU	ļ	AUGCCGAA CUGAUGAG GCCGUUAGGC CGAA IUCAUAGA	28603
2787	8243	CUUUCGGC A UGUAGGGG	10229	CCCCUACA CUGAUGAG GCCGUUAGGC CGAA ICCGAAAG	28604
2797	8233	GUAGGGGC A GAGCACCU	10230	AGGUGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCCUAC	28605
2802	8228	GGCAGAGC A CCUUCACG	10231	CGUGAAGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCC	28606
2804	8226	CAGAGCAC C UUCACGCA	10232	UGCGUGAA CUGAUGAG GCCGUUAGGC CGAA IUGCUCUG	28607
2805	8225	AGAGCACC U UCACGCAA	10233	UUGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUGCUCU	28608
2808	8222	GCACCUUC A CGCAAAAU	10234	AUUUUGCG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGC	28609
2812	8218	CUUCACGC A AAAUUCCC		GGGAAUUU CUGAUGAG GCCGUUAGGC CGAA ICGUGAAG	28610
2819	8211	CAAAAUUC C CUUGGCCC			28611
2820	8210	AAAAUUCC C UUGGCCCU			28612
2821	8209	AAAUUCCC U UGGCCCUC		GAGGGCCA CUGAUGAG GCCGUUAGGC CGAA IGGAAUUU	28613
لتتتا		1		CONTRACTOR	20013

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2827	8203	CCUUGGCC C UCGGUGCA	10240	UGCACCGA CUGAUGAG GCCGUUAGGC CGAA IGCCAAGG	28615
2828	8202	CUUGGCCC U CGGUGCAG	10241	CUGCACCG CUGAUGAG GCCGUUAGGC CGAA IGGCCAAG	28616
2835	8195	CUCGGUGC A GCCAGUCC	10242	GGACUGGC CUGAUGAG GCCGUUAGGC CGAA ICACCGAG	28617
2838	8192	GGUGCAGC C AGUCCUCA	10243	UGAGGACU CUGAUGAG GCCGUUAGGC CGAA ICUGCACC	28618
2839	8191	GUGCAGCC A GUCCUCAA	10244	UUGAGGAC CUGAUGAG GCCGUUAGGC CGAA IGCUGCAC	28619
2843	8187	AGCCAGUC C UCAACCAU	10245	AUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IACUGGCU	28620
2844	8186	GCCAGUCC U CAACCAUU	10246	AAUGGUUG CUGAUGAG GCCGUUAGGC CGAA IGACUGGC	28621
2846	8184	CAGUCCUC A ACCAUUUC	10247	GAAAUGGU CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	
		UCCUCAAC C AUUUCAAG			28622
2849	8181		10248	CUUGAAAU CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	28623
2850	8180	CCUCAACC A UUUCAAGG	10249	CCUUGAAA CUGAUGAG GCCGUUAGGC CGAA IGUUGAGG	28624
2855	8175	ACCAUUUC A AGGACCCG	10250	CGGGUCCU CUGAUGAG GCCGUUAGGC CGAA IAAAUGGU	28625
2861	8169	UCAAGGAC C CGAAUCGU	10251	ACGAUUCG CUGAUGAG GCCGUUAGGC CGAA IUCCUUGA	28626
2862	8168	CAAGGACC C GAAUCGUC	10252	GACGAUUC CUGAUGAG GCCGUUAGGC CGAA IGUCCUUG	28627
2871	8159	GAAUCGUC C UAUGCUCU	10253	AGAGCAUA CUGAUGAG GCCGUUAGGC CGAA IACGAUUC	28628
2872	8158	AAUCGUCC U AUGCUCUU	10254	AAGAGCAU CUGAUGAG GCCGUUAGGC CGAA IGACGAUU	28629
2877	8153	UCCUAUGC U CUUCAACC	10255	GGUUGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUAGGA	28630
2879	8151	CUAUGCUC U UCAACCUC	10256	GAGGUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUAG	28631
2882	8148	UGCUCUUC A ACCUCAGC	10257	GCUGAGGU CUGAUGAG GCCGUUAGGC CGAA IAAGAGCA	28632
2885	8145	UCUUCAAC C UCAGCACU	10258	AGUGCUGA CUGAUGAG GCCGUUAGGC CGAA IUUGAAGA	28633
2886	8144	CUUCAACC U CAGCACUU	10259	AAGUGCUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAAG	28634
2888	8142	UCAACCUC A GCACUUGA	10260	UCAAGUGC CUGAUGAG GCCGUUAGGC CGAA IAGGUUGA	28635
2891	8139	ACCUCAGC A CUUGACGA	10261	UCGUCAAG CUGAUGAG GCCGUUAGGC CGAA ICUGAGGU	28636
2893	8137	CUCAGCAC U UGACGAGG	10262	CCUCGUCA CUGAUGAG GCCGUUAGGC CGAA IUGCUGAG	28637
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2906	8124	GAGGACUC U CCGAUGUC	10264	GACAUCGG CUGAUGAG GCCGUUAGGC CGAA IAGUCCUC	28639
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2930	8100	AGGGUGUC A CAACACUC	10268	GAGUGUUG CUGAUGAG GCCGUUAGGC CGAA IACACCCU	28643
2932	8098	GGUGUCAC A ACACUCAG	10269	CUGAGUGU CUGAUGAG GCCGUUAGGC CGAA IUGACACC	28644
2935	8095	GUCACAAC A CUCAGAAG	10270	CUUCUGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGAC	28645
2937	8093	CACAACAC U CAGAAGGU	10271	ACCUUCUG CUGAUGAG GCCGUUAGGC CGAA IUGUUGUG	28646
2939	8091	CAACACUC A GAAGGUCU	10272	AGACCUUC CUGAUGAG GCCGUUAGGC CGAA IAGUGUUG	28647
2947	8083	AGAAGGUC U GUAGAACA	10273	UGUUCUAC CUGAUGAG GCCGUUAGGC CGAA IACCUUCU	28648
2955	8075	UGUAGAAC A CAUCCACU	10274	AGUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUUCUACA	28649
2957	8073	UAGAACAC A UCCACUCC	10275	GGAGUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUUCUA	28650
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2961	8069	ACACAUCC A CUCCACUC	10277	GAGUGGAG CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU	28652
2963	8067	ACAUCCAC U CCACUCUU	10278	AAGAGUGG CUGAUGAG GCCGUUAGGC CGAA IUGGAUGU	28653
2965	8065	AUCCACUC C ACUCUUCA	10279	UGAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGGAU	28654
2966	8064	UCCACUCC A CUCUUCAU	10280	AUGAAGAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGGA	28655
2968	8062	CACUCCAC U CUUCAUGG	10281	CCAUGAAG CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	28656
2970	8060	CUCCACUC U UCAUGGUG	10282	CACCAUGA CUGAUGAG GCCGUUAGGC CGAA IAGUGGAG	28657
2973	8057	CACUCUUC A UGGUGACA	10283	UGUCACCA CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG	28658
2981	8049	AUGGUGAC A AUGUUCCA	10284	UGGAACAU CUGAUGAG GCCGUUAGGC CGAA IUCACCAU	28659
2988	8042	CAAUGUUC C AUCCAUAA	10285	UUAUGGAU CUGAUGAG GCCGUUAGGC CGAA IAACAUUG	28660
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		UUCCAUCC A UAACUUUG	10288	CAAAGUUA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAA	28663
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3025	8005	UUCAUGUC C GGGACCGC	10295	GCGGUCCC CUGAUGAG GCCGUUAGGC CGAA IACAUGAA	28670
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3047	7983	GUGUACCC U CUGACUUC	10302	GAAGUCAG CUGAUGAG GCCGUUAGGC CGAA IGGUACAC	28677
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3053	7977	CCUCUGAC U UCUUGGAC	10304	GUCCAAGA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGG	28679
3056	7974	CUGACUUC U UGGACUCU	10305	AGAGUCCA CUGAUGAG GCCGUUAGGC CGAA IAAGUCAG	28680
3062	7968	UCUUGGAC U CUUUUUUG	10306	CAAAAAAG CUGAUGAG GCCGUUAGGC CGAA IUCCAAGA	28681
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		UGGGUUGC C AUAUAGUA	10307	UACUAUAU CUGAUGAG GCCGUUAGGC CGAA ICAACCCA	28683
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3160	7870	GACCAGCC A UCUCAGUU	10333	AACUGAGA CUGAUGAG GCCGUUAGGC CGAA IGCUGGUC	28708
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3199	7831	AUGCCCUC C AGUGACAU	10345	AUGUCACU CUGAUGAG GCCGUUAGGC CGAA IAGGGCAU	28720
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3206	7824	CCAGUGAC A UUGCCUUC		GAAGGCAA CUGAUGAG GCCGUUAGGC CGAA IUCACUGG	28722
3211	7819	GACAUUGC C UUCUUUCC		GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA ICAAUGUC	28723
3212	7818	ACAUUGCC U UCUUUCCU		AGGAAAGA CUGAUGAG GCCGUUAGGC CGAA IGCAAUGU	28724
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3220	7810	UUCUUUCC U GGCGUGUU	10351		
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3248	7782	CGAUCGAC U UCGAUGAU		AUCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUCGAUCG	28730
3260	7770	AUGAUGGC C UCUUUGCG		CGCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUCAU	28731
3261	7769	UGAUGGCC U CUUUGCGG		CCGCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUCA	28732
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3273	7757	UGCGGUAC C UAGUGAAC		GUUCACUA CUGAUGAG GCCGUUAGGC CGAA IUACCGCA	28734
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3284	7746		10362	AUGACAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAGUU	28738
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3325	7705	AACCUCUC C CAAGGUGC	10373	GCACCUUG CUGAUGAG GCCGUUAGGC CGAA IAGAGGUU	28748
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3327	7703	CCUCUCCC A AGGUGCGU	10375	ACGCACCU CUGAUGAG GCCGUUAGGC CGAA IGGAGAGG	28750
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3338	7692	GUGCGUCC U UUUGCCCC	10377	GGGGCAAA CUGAUGAG GCCGUUAGGC CGAA IGACGCAC	28752
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3344	7686	CCUUUUGC C CCACCUCU	10378	AAGAGGUG CUGAUGAG GCCGUUAGGC CGAA ICAAAAGG AAGAGGUG CUGAUGAG GCCGUUAGGC CGAA IGCAAAAG	28754
3345	7685	CUUUUGCC C CACCUCUU	10379		
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3347	7683	UUUGCCCC A CCUCUUUU	10381	AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGGGCAAA	28756
3349	7681	UGCCCCAC C UCUUUUA	103B2	UAAAAAGA CUGAUGAG GCCGUUAGGC CGAA IUGGGGCA	28757
3350	7680	GCCCCACC U CUUUUUAG	10383	CUAAAAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGGGC	28758
3352	7678	CCCACCUC U UUUUAGUC	10384	GACUAAAA CUGAUGAG GCCGUUAGGC CGAA IAGGUGGG	28759
3361	7669	UUUUAGUC C UGGUUUUU	10385	AAAAACCA CUGAUGAG GCCGUUAGGC CGAA IACUAAAA	28760
3362	7668	UUUAGUCC U GGUUUUUC	10386	GAAAAACC CUGAUGAG GCCGUUAGGC CGAA IGACUAAA	28761
3371	7659	GGUUUUUC C AUGUUCUU	10387	AAGAACAU CUGAUGAG GCCGUUAGGC CGAA IAAAAACC	28762
3372	7658	GUUUUUCC A UGUUCUUU	10388	AAAGAACA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAC	28763
3378	7652	CCAUGUUC U UUAUGAGU	10389	ACUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAACAUGG	28764
3390	7640	UGAGUGUC C AUGUUAUG	10390	CAUAACAU CUGAUGAG GCCGUUAGGC CGAA IACACUCA	28765
3391	7639	GAGUGUCC A UGUUAUGG	10391	CCAUAACA CUGAUGAG GCCGUUAGGC CGAA IGACACUC	28766
3406	7624	GGAUAGAC A UGACAACC	10392	GGUUGUCA CUGAUGAG GCCGUUAGGC CGAA IUCUAUCC	28767
3411	7619	GACAUGAC A ACCAACCC	10393	GGGUUGGU CUGAUGAG GCCGUUAGGC CGAA IUCAUGUC	28768
	7616	AUGACAAC C AACCCCCA	10394	UGGGGGUU CUGAUGAG GCCGUUAGGC CGAA IUUGUCAU	28769
3414			10395	GUGGGGGU CUGAUGAG GCCGUUAGGC CGAA IGUUGUCA	28770
3415	7615	UGACAACC A ACCCCCAC			
3418	7612	CAACCAAC C CCCACGCA	10396	UGCGUGGG CUGAUGAG GCCGUUAGGC CGAA IUUGGUUG	28771
3419	7611	AACCAACC C CCACGCAU	10397	AUGCGUGG CUGAUGAG GCCGUUAGGC CGAA IGUUGGUU	28772
3420	7610	ACCAACCC C CACGCAUG	10398	CAUGCGUG CUGAUGAG GCCGUUAGGC CGAA IGGUUGGU	28773
3421	7609	CCAACCCC C ACGCAUGA	10399	UCAUGCGU CUGAUGAG GCCGUUAGGC CGAA IGGGUUGG	28774
3422	7608	CAACCCCC A CGCAUGAU	10400	AUCAUGCG CUGAUGAG GCCGUUAGGC CGAA IGGGGUUG	28775
3426	7604	CCCCACGC A UGAUGUGG	10401	CCACAUCA CUGAUGAG GCCGUUAGGC CGAA ICGUGGGG	28776
3436	7594	GAUGUGGC A GAGUCCGA	10402	UCGGACUC CUGAUGAG GCCGUUAGGC CGAA ICCACAUC	28777
3442	7588	GCAGAGUC C GAUGGCAG	10403	CUGCCAUC CUGAUGAG GCCGUUAGGC CGAA IACUCUGC	28778
3449	7581	CCGAUGGC A GUUGUUGC	10404	GCAACAAC CUGAUGAG GCCGUUAGGC CGAA ICCAUCGG	28779
3462	7568	UUGCGUUC C AAACAGAG	10405	CUCUGUUU CUGAUGAG GCCGUUAGGC CGAA IAACGCAA	28780
3463	7567	UGCGUUCC A AACAGAGC	10406	GCUCUGUU CUGAUGAG GCCGUUAGGC CGAA IGAACGCA	28781
3467	7563	UUCCAAAC A GAGCUUGC	10407	GCAAGCUC CUGAUGAG GCCGUUAGGC CGAA IUUUGGAA	28782
3472	7558	AACAGAGC U UGCUCCAU	10408		28783
3476	7554	GAGCUUGC U CCAUUCUC	10409		28784
3478	7552	GCUUGCUC C AUUCUCCC	10410	GGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGCAAGC	28785
3479	7551	CUUGCUCC A UUCUCCCA	10411		28786
3483	7547	CUCCAUUC U CCCAAAGC	10412	<u></u>	28787
	<del></del>	CCAUUCUC C CAAAGCGU	10412		28788
3485	7545	CAUUCUCC C AAAGCGUC	<del> </del>		
3486	7544		10414	GACGCUUU CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	28789
3487	7543	AUUCUCCC A AAGCGUCA	10415		28790
3495	7535	AAAGCGUC A CCGCUGCG	10416		28791
3497	7533	AGCGUCAC C GCUGCGGC	10417	L	28792
3500	7530	GUCACCGC U GCGGCCGU	10418	ACGGCCGC CUGAUGAG GCCGUUAGGC CGAA ICGGUGAC	28793
3506	7524	GCUGCGGC C GUGAUCAA	10419	<u> </u>	28794
3513	7517	CCGUGAUC A AAAUUCCG	10420	CGGAAUUU CUGAUGAG GCCGUUAGGC CGAA IAUCACGG	28795
3520	7510	CAAAAUUC C GGCUUCUC	10421	GAGAAGCC CUGAUGAG GCCGUUAGGC CGAA IAAUUUUG	28796

Table IX

1932   T963			***************************************	30422	GUACGAGA CUGAUGAG GCCGUUAGGC CGAA ICCGGAAU	28797
1932  1939   TASP						
1951   7499						
3540   7490	3533	7497				
1951/22   7488	3537	7493				
1955   1966	3540	7490	CUGUCUUC A ÇAGACGGG	10426		
1955   7475	3542	7488	GUCUUCAC A GACGGGUU	10427		
1955	3552	7478	ACGGGUUC A CUACUACU	10428	AGUAGUAG CUGAUGAG GCCGUUAGGC CGAA IAACCCGU	28803
15557   7473   UUCACUAC U ACUGARSC   10410   GUUGARSC UCAAURAS   GCOGUILAGC CAN LINGUARA   28805   3550   7467   ACUACUGC A GUIGAGA   10412   UCUCUAG CUGAURAG   GCOGUILAGC CAN LINGUARA   28805   3556   7467   ACUACUGC A GUIGAGA   10432   UCUCUAG CUGAURAG   GCOGUILAGC CAN LINGUAGA   28807   3556   7467   ACUACUGC A GUIGAGA   10432   UCUCUAG CUGAURAG   GCOGUILAGC CAN LINGUAGA   28807   3575   7457   CURGARGA A CARARCA   10433   GUIGUCCU CUGAURAG   GCOGUILAGC CAN LIUCUCUAG   28808   3575   7457   CURGARGA C CARARCA   10435   CUGAURU CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28809   3576   7454   GARGACAC C ARARCA   10435   CUGAURU CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28809   3576   7445   GARGACAC A RABUCAGA   10435   GUIGARC CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28810   35807   7445   CARARCA C AUGAURA   10437   GAUCAUGC CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28811   3581   7439   GAUGAUGC A UGAUCUAG   10439   AGUUGGAC CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28814   3595   7435   GAUCAUGC A ACUUCUU   10440   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28814   3595   7435   GAUCAUGC A ACUUCUU   10440   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUCUAG   28814   3599   7431   UUCUCUAC   UCUCACAU   10449   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28814   3599   7431   UUCUCUAC   UCUCACAU   10440   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28814   3599   7431   UUCUCAC   UUCUCUCU   10440   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28815   3606   7424   UUCUCUCC   UCUCACAU   10449   AGARARU CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28816   3606   7424   UUCUCUCC   UCUCACAU   10440   AGARARU   CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28816   3606   7424   UUCUCUCC   UCUCACAU   10440   AGARARU   CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28816   3606   7424   UUCUCUCC   UCUCACAU   10440   AGARARU   CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28816   3606   7424   UUCUCUCC   UCUCACAU   10440   AGARARU   CUGAURAG   GCOGUILAGC   CAN LIUCUAGA   28816   3606   7424   UUCUCUCC   UCUCACAU   10440   AGARARU   28816   36	3554	7476	GGGUUCAC U ACUACUGC	10429	GCAGUAGU CUGAUGAG GCCGUUAGGC CGAA IUGAACCC	28804
1556		7473	UUCACUAC U ACUGCAGC	10430	GCUGCAGU CUGAUGAG GCCGUUAGGC CGAA IUAGUGAA	28805
1555				10431	CUAGCUGC CUGAUGAG GCCGUUAGGC CGAA IUAGUAGU	28806
1955	-				UCUCUAGO CUGAUGAG GCCGUUAGGO CGAA ICAGUAGU	28807
1973   7457   CUAGAGAC   CAAGANUC   10434   GAUCCUEG CIGAUGAG GCCGULAGGC CAA IUUCUCUG   28810   1976   7454   GAGACCAC   CAAGAUCAG   10435   CUGAUGUC UCGAUGAG GCCGULAGGC CAA IUUCUCUCU   28811   1987   7454   GAGACCAC   AGAUCAGC   10436   GCUGAUCAG   CUGAUGAG GCCGULAGGC CAA IUUCUCUCU   28811   1988   7448   CACAGAUCA   CACAGAUC   10437   GAUCAUGC   CUGAUGAG GCCGULAGGC CAA IUUCUCUCU   28811   1989   7445   AGAUCAGC   AUGACUCUUCUU   10439   GAUCAUGC   CUGAUGAG GCCGULAGGC CAA IUUCUCUCU   28813   1991   7439   GCAUGAUC   UUCCAACU   10449   ACAGAUCA   CUGAUGAG GCCGULAGGC CAA IAUCUGGC   28813   1995   7431   AUCUGUCC   ACUUUCUU   10440   AGAAAGUU   CUGAUGAG GCCGULAGGC CAA IAUCUGGC   28814   1959   7431   AUCUGUCC   ACUUUCUU   10441   AAGAAGUU   CUGAUGAG GCCGULAGGC CAA IAUCUGGC   28816   1960   7427   CAACGUUC   UUCUGCAUG   10442   CAGAAGAG CUGAUGAG GCCGULAGGC CAA IAUCAGAG   28816   1960   7427   CAACGUUC   UUCUGCAUG   10442   CAGAAGAG CUGAUGAG GCCGULAGGC CAA IAUCAGAG   28816   1960   7421   CUUUCUUC   UUCUGCAUG   10442   CAGAAGAG CUGAUGAG GCCGULAGGC CAA IAUCAGAG   28816   1960   7421   CUUUCUGC   UUCGCAUG   10442   CAUCAGAG CUGAUGAG GCCGULAGGC CAA IAAGAGU   28816   1960   7421   CUUUCUGC   UUCGCAUG   10444   CAUCAUGC   CUGAUGAG GCCGULAGGC CAA IAAGAGAG   28817   1960   7421   CUUUCUGC   UUCGCAUG   10444   CAUCAUGC   CUGAUGAG GCCGULAGGC CAA IAAGAGA   28816   1960   7421   CUUUCUGC   UUCGCAUG   10446   AGAAUUAG   CUGAUGAG GCCGULAGGC CAA IAAGAGA   28816   1960   7421   CUUUCUGC   UUCGCAUG   10446   AGAAUUAG   CUGAUGAG GCCGULAGGC CAA IAAGAGA   28816   1960   7421   CUUUCUGC   UUCAGAGG   10447   CACCAUCA   CUGAUGAG GCCGULAGGC CAA IAAGAGA   28818   1960   7421   CUUUCUGC   UUCAGAGG   10447   CACCAUCA   CUGAUGAG   GCCGULAGGC   CAA IAAGAGA   28816   1960   7421   CUUUCUGC   UUCAGAGG   10447   CACCAUCA   CUGAUGAG   GCCGULAGGC   CAA IAAGAGA   28824   1960   7401   GUGCACC   UUCAGAGG   10445   GCCGUCAGAG   GCCGULAGGC   CAA IAAGAGA   28825   1961   7401   GUGCACC   CAACAGGA   10447   CACAGAGA   CACAGAGA   CACAGAGAG   CAAGAGGA	-					28808
1975   7455	-					
1976   7454   GARGACC A AGAUCAGC   10436   GCUQAUCU CUGAUGAG   GCCGUUAGGC   CGAA   IGUGUCUC   28811   1982   7448   CAAGAUC A GCAUGAUC   10437   GAUCAGC CUGAUGAG   GCCGUUAGGC   CGAA   ICUGAUCAG   28813   1985   7445   AGAUCAGC A UGAUCUCUU   10438   ACAGAUCA CUGAUGAG   GCCGUUAGGC   CGAA   ICUGAUCAG   28813   1997   7439   GCAUGAUC U GUCCAACU   10439   AGUUGGAC CUGAUGAG   GCCGUUAGGC   CGAA   ICUGAUCAG   CGAA						
1982   7448   CCARGAIC A GCAUGAUC   10437   GAUCAUGC CUGAUGAG   GCCGUUAGGC   GGAA IAUCUUGG   28812   1985   7445   GAUGAGG A UGAUCUGU   10438   ACRAGAUC CUGAUGAG   GCCGUUAGGC   GGAA IAUCUUGC   28814   1599   7439   GCAUGAUC U GUCCAACU   10439   AGUUGAGG CUGAUGAG   GCCGUUAGGC   GGAA IAUCAUGC   28814   1599   7435   GAUCUGUC A ACCUUCU   10440   AGAAAGUU CUGAUGAG   GCCGUUAGGC   GGAA IAUCAUGC   28814   1599   7431   UGUCCAAC U UUCUUCUG   10442   CAGAAGAA CUGAUGAG   GCCGUUAGGC   GGAA IAUCAUGC   28815   1599   7431   UGUCCAAC U UUCUUCUG   10442   CAGAAGAA CUGAUGAG   GCCGUUAGGC   GGAA IAUCAUGA   28816   1500   7421   CUUUCUUC U GCAUGAUG   10443   CAUCAUGA CUGAUGAG   GCCGUUAGGC   GGAA IAUGAGAA   28816   1500   7421   CUUUCUUC U GCAUGAUG   10443   CAUCAUGA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGAU   28816   1500   7421   CUUUCUUC U GCAUGAUG   10445   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGAA   28819   1500   7421   CUUUCUGC A UGAUGAGG   10445   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGAA   28821   1500   7421   CUUUCUGC A UGAUGAGG   10445   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGAA   28821   1500   7421   CUUUCUGC A UGAUGAGG   10447   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGAA   28821   1500   7421   CUUCUGC A UGAUGAGG   10447   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAGA   28821   1500   7421   CUUCUGC A UGAUGAGG   10447   ACCACUCA CUGAUGAG   GCCGUUAGGC   GGAA IAAGAACA   28821   1500   7401   GUGCGCCC U AAUUCACUCA   10447   CCAGAAUC CUGAUGAG   GCCGUUAGGC   GGAA IAAGACA   28821   1500   7401   GUGCGCCC C UAGAGGAC   10449   GUGCCCC CUGAUGAG   GCCGUUAGGC   GGAA IAACGACCA   28824   1500   7380   UCCAUGAG   CUGAUGAG   GUGAUGAG   GCCGUUAGGC   GGAA IAACGACCA   28824   1501   7399   CCGUGGCCC   AGAGAGA   GUGAUGAG   GCCGUUAGGC   GGAA IAACGACCA   28824   1501   7390   CCGUGGCC   AGAGGAGC   10459   GUGAUGAG   GUGAUGAG   GCCGUUAGGC   GGAA IAACGACCA   28824   1501   7390   CCGUGGCC   CACACAGGC   10459   GUGAUGAG   GUGAUGAG   GCCGUUAGGC   GGAA IAACGACCA   28824   1501   7390   CACACUCC   CUCACAGGC   10459   GUGAUGAG						
1985   7445						
1591   7435   GAUGIGUC U GUCCAACU   10449   AGANAGUI CUGAUGAG   GCGUUAGGC   CGAA TAUCAUGC   28814   15958   7435   GAUCUGUC A ACCUUCU   10440   AAGAAGUI CUGAUGAG   GCGUUAGGC   CGAA TACAGAUC   28815   1596   7434   AUCUGUCC A ACCUUCUU   10441   AAGAAGUI CUGAUGAG   GCCGUUAGGC   CGAA TACAGAUC   28816   1599   7431   UGUCCAAC U UUCUUCUG   10442   CAGAAGGA CUGAUGAG   GCCGUUAGGC   CGAA TACAGAUC   28817   1606   7424   CUUCUUCU U UCUGCAUG   10442   CAGAAGGA CUGAUGAG   GCCGUUAGGC   CGAA TACAGAUG   28816   1606   7424   CUUCUUCU U UCUGCAUG   10444   CAUCAUGC   CUGAUGAG   GCCGUUAGGC   CGAA TACAGAGA   28817   1606   7424   CUUCUUCU U UCUGCAUG   10444   CAUCAUGC   CUGAUGAG   GCCGUUAGGC   CGAA TACAGAAG   28818   1606   7424   CUUCUUCU U UCUGCAUG   10445   ACCCAUCA   CUGAUGAG   GCCGUUAGGC   CGAA TACAGAAG   28818   1606   7424   CUUCUUCU U UCUGCAUG   10446   ACCCAUCA   CUGAUGAG   GCCGUUAGGC   CGAA TACAGACA   28818   1629   7401   GUGCGCUC U AAUUCUG   10447   CCAGAAGU   CUGAUGAG   GCCGUUAGGC   CGAA TACACACC   28821   1629   7401   GUGCGCUC U AAUUCUG   10447   CCAGAAGU   CUGAUGAG   GCCGUUAGGC   CGAA TACAGACC   28823   1654   7338   GGGGUCAGC   10449   GUGCCAC   CUGAUGAG   GCCGUUAGGC   CGAA TACAGACC   28823   1654   7338   GGGGCGUC   CUGAUGAC   CUGAUGAG   GCCGUUAGGC   CGAA TACAGACC   28823   1655   7379   CCGUGGCC   CAGAUGCC   10445   GUGCAUCC   CUGAUGAG   GCCGUUAGGC   CGAA TACACCC   28824   1658   7379   CCGUGGC   CAGAUGCC   10451   GUGCAUCC   CUGAUGAG   GCCGUUAGGC   CGAA TACACCC   28826   1658   7379   CACAGAGC   AUCCACCU   10452   UAGUGGAU   CUGAUGAG   GCCGUUAGGC   CGAA TACACCC   28826   1658   7379   CACAGAGC   AUCCACCU   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA TACACCC   28826   1658   7371   ACGAUGCC   AUCCACCU   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA TACACCGU   28826   1658   7355   CAGCGUUC   AUCCACCU   10454   GUGCAUCG   CUGAUGAG   GCCGUUAGGC   CGAA TACACCC   28824   1666   7365   CCAUCACC   AUCCACCC   10454   GUGCAUCC   GCAGAUGAG   GCCGUUAGGC   CGAA TACACCC   28826   1667   7365   CCACUCAC   AUCCACCC	3582	7448				
19595   7435	3585	7445		10438		
1596   7434   AUCUSUCC A ACUUUCUU   10441   AAGAAAGU CUQAUGAG GCCGUUAGGC CGAA IGACAGAU   28816   1599   7431   UGUCCAAC U UUCUUCUG   10442   CAUGACGAC CUQAUGAG GCCGUUAGGC CGAA IGACAGAU   28817   1600   7427   CAACUUUC U UGCAGUG   10444   CAUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG   28818   1606   7424   CUUUCUUC U GCAUGAUG   10444   CAUCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAGAAG   28819   1609   7421   UCUUCUGC A UGAUGAGU   10444   CAUCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAGAAG   28819   1627   7401   UGGUGGGC U CUAAUUCU   10446   ACAAUUAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA   28820   1627   7401   UGGUGGGC U CUAAUUCU   10446   ACAAUUAG CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA   28821   1628   7401   UGUGCGC U AAUUCUG   10447   CCAGAAUU CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA   28821   1644   7386   GGGACGUC C UGGGCCAC   10449   GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGUAGA   28823   1644   7386   GGGACGUC C UGGGCCAC   10449   GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA IAAGUAGA   28823   1658   7379   CCGGUGGC C ACGAUGCC   10459   GGCAUCGU C UGAUGAG GCCGUUAGGC CGAA IACGUCC   28824   1659   7379   CCGGUGGC A CGAUGCCA   10452   UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGUCC   28824   1658   7372   CACGAUGC A UCCACUAC   10452   UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGUCGA   28825   1658   7371   ACGAUGCC A UCCACUAC   10452   UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGUCGA   28826   1663   7367   UGCCAUCC A UACACGC   10453   UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGCGA   28826   1663   7367   UGCCAUCC A CUACAGG   10455   CGCGUUAG CUGAUGAG GCCGUUAGGC CGAA IACGCGA   28826   16663   7367   UGCCAUCC A CUACAGG   10455   CGCGUUAGG CUGAUGAG GCCGUUAGGC CGAA IGAUGGU   28829   1668   7368   AUGCAUCA   GCGUUCUU   10456   GCUGUAGAU CUGAUGAG GCCGUUAGGC CGAA IGAUGGAU   28829   1668   7368   AUGCAUCA   GCGUUCUU   10456   ACGCGCGC UGAUGAG CCGUUAGGC CGAA IGAUGGAU   28829   1668   7362   CCACUCAC   GCGUUCUU   10456   ACCGCGCG CUGAUGAG CCGUUAGGC CGAA IGAUGGA   28831   1668   7362   CCACUCAC   GCGCUUCU   10456   ACCGCGCG CUGAUGAG   CCGUUAGGC CGAA IAGCGC   28831   1668   7362   CCACUC	3591	7439	GCAUGAUC U GUCCAACU	10439		
1599   7431	3595	7435	GAUCUGUC C AACUUUCU	10440		
3599   7431	3596	7434	AUCUGUCC A ACUUUCUU	10441	AAGAAAGU CUGAUGAG GCCGUUAGGC CGAA IGACAGAU	28816
3603   7427	3599	7431	L	10442	CAGAAGAA CUGAUGAG GCCGUUAGGC CGAA IUUGGACA	28817
3606   7424	3603	7427	CAACUUUC U UCUGCAUG	10443	CAUGCAGA CUGAUGAG GCCGUUAGGC CGAA IAAAGUUG	28818
1609   7421   UCUUCUGC A UGAUGGGU   10445   ACCCAUCA CUGAUGAG   GCCGUUAGGC   CGAA ICAGAAGA   28821     3627   7401   UGGUGGGCU U UAAUUCUG   10447   CCAGAAUU CUGAUGAG   GCCGUUAGGC   CGAA ICAGACCA   28821     3635   7395   UCUAAUUC U GGGACGUC   10448   GACGUCC   CUGAUGAG   GCCGUUAGGC   CGAA IAACGCCA   28822     3644   7386   GGGACGUC   CUGAGCCA   10449   GUGGCCAC   CUGAUGAG   GCCGUUAGGC   CGAA IAACUAGA   28823     3650   7380   UCCGUGGC   C ACGAUGCC   10459   GUGGCCAC   CUGAUGAG   GCCGUUAGGC   CGAA IAACUAGA   28825     3651   7379   CCGUGGCC   ACGAUGCC   10450   GGCAUCGG   CUGAUGAG   GCCGUUAGGC   CGAA IACGUCCC   28824     3650   7380   UCCGUGGC   ACGAUGCC   10450   GGCAUCGG   CUGAUGAG   GCCGUUAGGC   CGAA IACGUCCC   28825     3651   7379   CCGUGGCC   ACGAUGCC   10451   UGGCAUCG   CUGAUGAG   GCCGUUAGGC   CGAA IACGUCCC   28826     3658   7372   CACGAUGC   AUCCACUA   10452   UAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA ICAUCGUG   28825     3662   7368   AUGCCAUC   CAUCACUAC   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA ICAUCGUG   28826     3663   7367   UGCCAUCC   AUCCACUA   10454   GCUGUAGG   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGCA   28826     3663   7367   UGCCAUCC   AUCCACUA   10455   CCCUGUAG   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGCA   28826     3668   7367   UGCCAUCC   AUCCACUA   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGCA   28830     3668   7365   CCAUCCAC   ACACGGUU   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGCA   28831     3678   7352   CCGUUCUC   AUGAUGCC   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGCA   28831     3685   7345   CAUGAUUC   AUGAUGCA   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGUG   28833     3685   7345   CAUGAUUC   AUGAUGCA   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA IAUGGUG   28836     3689   7341   AUUCCGCC   GCUGUGCG   10460   CAGGCGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGUG   28836     3699   7331   CUGUCGC   CUGCCGC   10461   CGGACAC   CUGAUGAG   GCCGUUAGGC   CGAA IAUCGUG   28836     3699   7331   CUGUCGCC   UGCCCCC   UGCCCCC   UGCCCCCC   UGCCCCC			CULUCUUC U GCAUGAUG	10444	CAUCAUGC CUGAUGAG GCCGUUAGGC CGAA IAAGAAAG	28819
3627   7403   UGGUGCGC U CUANUUCU   10446   AGAAUUAG CUGAUGAG   GCCGUUAGGC CGAA ICGCACCA   28821   3629   7401   GUGCGCUC U AAUUCUGG   10447   CCAGAAUU CUGAUGAG   GCCGUUAGGC CGAA IAGCGCAC   28822   3635   7395   UCUAAUUC U GGGACGUC   10448   GAGGUCCC CUGAUGAG   GCCGUUAGGC CGAA IAACGCCAC   28824   3654   7386   GGGACGUC   GUGGCCAC   10449   GUGGCCAC CUGAUGAG   GCCGUUAGGC CGAA IAACGCCC   28824   3650   7380   UCCGGUGCC C CAGAUGCCA   10449   GUGGCACC CUGAUGAG   GCCGUUAGGC CGAA IACGCCCC   28825   3651   7379   CCGUGGCC C ACGAUGCCA   10451   UGGCAUCC CUGAUGAG   GCCGUUAGGC CGAA ICCACCGA   28825   3658   7372   CACGAUGC A UCCACUA   10451   UGGCAUCC CUGAUGAG   GCCGUUAGGC CGAA ICCACCGA   28826   3658   7372   CACGAUGC A UCCACUA   10452   UAGUGGAU CUGAUGAG   GCCGUUAGGC CGAA ICAUCGU   28827   3659   7371   ACGAUGCC A UCCACUA   10453   GUAGUGGA CUGAUGAG   GCCGUUAGGC CGAA ICAUCGU   28828   3662   7368   AUGCCAUC A UCCACUAC   10453   GUAGUGGA CUGAUGAG   GCCGUUAGGC CGAA ICAUCGU   28828   3663   7367   UGCCAUCC A CUACAGCC   10455   GCCUUUAG CUGAUGAG   GCCGUUAGGC CGAA IACGCACCA   28830   3665   7365   CCAUCCAC U ACAGCGU   10455   CACGUUAG CUGAUGAG   GCCGUUAGGC CGAA IACGCACCA   28830   3668   7362   UCCACUAC A GCGUUCUU   10457   AAGACGC CUGAUGAG   GCCGUUAGGC CGAA IUAGGCA   28831   3668   7362   UCCACUAC A GCGUUCUU   10457   AAGACGC CUGAUGAG   GCCGUUAGGC CGAA IUAGGCA   28833   3668   7352   CAGCUUC A UCAUGAUG   10459   CAGAUGAG   CUGAUGAG   GCCGUUAGGC CGAA IUAGUGGA   28833   3668   7352   CAGCUUCU A UCAUGAUG   10459   CAGAUGAG   CUGAUGAG   GCCGUUAGGC CGAA IAACGCU   28833   3668   7345   CAGCGCGC   UGAUGAG   CAGAUGAG   GCCGUUAGGC CGAA IAACGCU   28834   3668   7352   CAGCGUCC A UCAUGAG   CAGAUGAG   GCCGUUAGGC CGAA IAACGCU   28834   3668   7345   CAGCGCGC   GCCGCUGG   10451   CAGACGC CUGAUGAG   GCCGUUAGGC CGAA IAACGCU   28834   3668   7345   CAGCGCGC   GCCGCUGG   10452   CAGACGC CUGAUGAG   GCCGUUAGGC CGAA IAACGCU   28835   3669   7334   CCGCCGC   GCCGCUGG   10461   CAGACGC CUGAUGAG   GCCGUUAGGC CGAA IAACGCU   28836   3725   7338				10445	ACCCAUCA CUGAUGAG GCCGUUAGGC CGAA ICAGAAGA	28820
3629   7401						28821
3635   7395						<del></del>
3644   7386   GGGACGUC C GUGGCCAC   10449   GUGGCCAC CUGAUGAG   GCCGUUAGGC   CGAA   IACGUCCC   28824   3650   7380   UCCGUGGC C   ACGAUGCC   10450   GGCAUCGU   CUGAUGAG   GCCGUUAGGC   GGAA   ICCACGGA   28825   3651   7379   CCGUGGCC   ACGAUGCC   10451   UGGCAUCG   CUGAUGAG   GCCGUUAGGC   GGAA   ICCACGGA   28826   3658   7372   CACGAUGC   AUCCACUA   10452   UAGUGGAU   CUGAUGAG   GCCGUUAGGC   CGAA   ICCACGGA   28826   3658   7371   ACGAUGC   AUCCACUA   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   ICCACUGC   28826   3663   7367   UGCACUC   CACUACAGC   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   ICAUCGCU   28828   3663   7367   UGCAUCA   CUCACGGC   10454   GCUGUAGG   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGCAU   28829   3665   7367   UGCAUCA   AUCACGCG   10455   CGCUGUAG   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGGCAU   28830   3665   7365   CCAUCCAC   ACCACGGU   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGGCAU   28830   3668   7362   UCCACUAC   A GCGUUCUU   10457   AAGAACG   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGGCAU   28831   3678   7352   CAGCGUUC   UACAGGGU   10458   AAUCAUG   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGGCAU   28833   3678   7352   CAUGAUUCC   UACAUGAU   10457   AAGAACG   CUGAUGAG   GCCGUUAGGC   CGAA   IAACGCUC   28834   3685   7345   CAUGAUUCC   10459   CGGAAUCA   CUGAUGAG   GCCGUUAGGC   CGAA   IAACGCUC   28834   3685   7345   CAUGAUUC   CUGAUGAU   CUGAUGAG   GCCGUUAGGC   CGAA   IAACGCUC   28836   3692   7338   CCGGCCGC   GUCCGCUCG   10460   CAGCGGCC   CUGAUGAG   GCCGUUAGGC   CGAA   IAACACC   28836   3692   7338   CCGGCCGC   GUCCGCCC   10460   CAGCGGCC   CUGAUGAG   GCCGUUAGGC   CGAA   IAACACC   28837   3696   7334   CCGCUGC   CUGACGGC   10462   CCGGCGCC   CUGAUGAG   GCCGUUAGGC   CGAA   IACAGCGC   28837   3702   7328   UCCGCCC   GCGCGGCC   10465   CUCACCC   CUGAUGAG   GCCGUUAGGC   CGAA   IACAGCGC   28837   3702   7331   CUGUCCCC   GAGCGCC   UGACGCC   UGACGCC   CUGAUGAG   GCCGUUAGGC   CGAA   ICCGCCGC   28840   3714   7316   CUGAGCCC   GAGCGCC   UGACGCC   UGACGCC   UGACGCC   CAGCGCCC   CAGCGCCC			<u></u>			
3650   7380   UCCGUIGGC   C ACGAUGCC   10450   GGCAUCGU   CUGAUGAG   GCCGUUAGGC   CGAA   ICCACGGA   28825						
3651   7379   CCGUGGCC A CGAUGCCA   10451   UGGCAUCG CUGAUGAG   GCCGUUAGGC   CGAA IGCCACGG   28826   3658   7372   CACGAUGC C AUCCACUA   10452   UAGUGGAU CUGAUGAG   GCCGUUAGGC   GGAA ICAUCGUG   28827   3659   7371   ACGAUGCC A UCCACUAC   10453   GUAGUGGA   CUGAUGAG   GCCGUUAGGC   GGAA IGCAUCGU   28828   3662   7368   AUGCCAUC C A CUACAGC   10454   GCUGUAGG   CUGAUGAG   GCCGUUAGGC   GGAA IGAUGGCA   28828   3663   7367   UGCCAUCC A CUACAGC   10455   GCUGUAGG   CUGAUGAG   GCCGUUAGGC   GGAA IAUGGCAU   28829   3663   7365   CCAUCCAC U ACAGCGUU   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   GGAA IAUGGCAU   28829   3665   7365   CCAUCCAC U ACAGCGUU   10456   AACGCUGU   CUGAUGAG   GCCGUUAGGC   GGAA IGAUGGC   28830   3665   7365   CCAUCCAC U ACAGCGUU   10457   AAGAACGC   CUGAUGAG   GCCGUUAGGC   GGAA IAUGGGA   28831   3675   7355   CAGCGUUC U UCAUGAUU   10457   AAGAACGC   CUGAUGAG   GCCGUUAGGC   GGAA IAAGGCUG   28833   3678   7352   CCGUUCUUC   A UCAUGAUU   10458   AAUCAUGA   CUGAUGAG   GCCGUUAGGC   GGAA IAAGGACG   28834   3685   7345   CAUGAUUC   C GGCCGCUG   10460   CAGCGGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAACG   28834   3685   7341   AUUCCGG   C GCUGUCGG   10460   CAGCGGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAACG   28836   3692   7338   CCGGCCGC   UGUCCGCG   10461   CGGACAGC   CUGAUGAG   GCCGUUAGGC   CGAA IAAGCACG   28837   3696   7334   CCGGCCGC   UGCCCGCG   10462   CGGCGGCC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCGG   28837   3699   7331   CUGUCCGC   C GCGGCUGG   10463   CCAGCGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCGG   28837   3699   7331   CUGUCCGC   CGCGCUGGG   10463   CCAGCGCC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCGG   28837   3707   7323   CGCUGGC   UGAGCGC   10464   AGCCCAC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCGG   28836   3707   7323   CGCUGGCC   UGAGCGC   10465   AUGCGCUC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCGG   28840   3714   7316   CUGAGCGC   UGAGCGC   10467   UGAGCACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCCAGCG   28841   3725   7306   GCUUAGCC   UAGCCACC   10467   UGAGCACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCCA	<b></b>					
3658   7372   CACGAUGC C AUCCACUA   10452   UAGUGGAU CUGAUGAG GCCGUUAGGC CGAA ICAUCGUG   28828   3659   7371   ACGAUGC A UCCACUAC   10453   GUIAGUGGA CUGAUGAG GCCGUUAGGC CGAA ICAUCGU   28828   3662   7368   AUGCCAUC C ACUACAGC   10454   GCUGUAGG CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU   28829   3663   7367   UGCCAUCC A CUACAGCG   10455   CGCUGUAGG CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU   28839   3665   7365   CCAUCCAC U ACAGCGUU   10456   AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IGAUGGCA   28830   3668   7362   UCCACUAC A GCGUUCUU   10457   AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGAUGGC   28833   3678   7355   CAGCGUUC U UCAUGAUU   10457   AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGGUGA   28833   3678   7355   CAGCGUUC U UCAUGAUU   10457   AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGGUGA   28833   3678   7352   CGUUCUUC A UGAUUCGG   10459   CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAACGCCU   28833   3689   7341   AUUCCGGC C GCCGCUG   10460   CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAACGCCU   28835   3689   7341   AUUCCGGC C GCUGCCG   10460   CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG   28836   3699   7334   CCGCUGCCG U GUCCGCG   10460   CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IACCGCAG   28836   3699   7334   CCGCUGCC C GCCGCGUG   10460   CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IACCGCCG   28837   3696   7334   CCGCUGCC C GCCGCGUG   10461   CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IACCGCCG   28837   3696   7334   CCGCUGCC C GCCGCGCG   10462   CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IACCAGCG   28837   3699   7331   CUGUCCGC C GCCGCGCG   10464   AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG   28836   3699   7331   CUGUCCGC C GCCGCGCG   10464   AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG   28836   3699   7331   CUGUCCGC C GCGCGCGC   10464   AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCAGCCG   28837   3702   7328   UCCGCCGC U GAGCCCAC   10467   UGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCAGCC   28841   3714   7316   CUGAGCGC U GAGCCCAC   10467   UGAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCACCC   28841   3714   7316   CUGAGCGC U GAGCCCUA   10467   UGAGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCACCC   28841   3729   7300	3650					
3659   7371   ACGAUGCC A UCCACUAC   10453   GUAGUGGA CUGAUGAG   GCCGUUAGGC CGAA IGCAUCGU   28828   3662   7368   AUGCCAUC C ACUACAGC   10454   GCUGUAGU CUGAUGAG   GCCGUUAGGC CGAA IAUGGCAU   28829   3663   7367   UGCCAUCC A CUACAGCG   10455   CGCUGUAG CUGAUGAG   GCCGUUAGGC CGAA IAUGGCAU   28830   3665   7365   CCAUCCAC U   ACAGCGUU   10456   AACGCUGU CUGAUGAG   GCCGUUAGGC CGAA IUAGUGGA   28831   3668   7362   UCCACUAC   A CAGCGUU   10457   AAGGACGC CUGAUGAG   GCCGUUAGGC CGAA IUAGUGGA   28832   3675   7355   CAGCGUUC U   UCAUGAUU   10457   AAGGACGC CUGAUGAG   GCCGUUAGGC CGAA IUAGUGGA   28833   3678   7352   CGUUCUUC   A UGAUUCCG   10459   CGGAAUCA   CUGAUGAG   GCCGUUAGGC   CGAA IAACGCU   28833   3678   7352   CGUUCUUC   A UGAUUCCG   10459   CGGAAUCA   CUGAUGAG   GCCGUUAGGC   CGAA IAACGCU   28834   3685   7345   CAUGAUUC   C GCCGCUC   10461   CGGACAGC   CUGAUGAG   GCCGUUAGGC   CGAA IAACACG   28836   3692   7338   CCGGCCGC   CGUGUCCG   10461   CGGACAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACACU   28836   3692   7338   CCGGCCGC   C GCUGGCGC   10462   CGGCGGAC   CUGAUGAG   GCCGUUAGGC   CGAA ICCGGAAU   28836   3692   7331   CUGUCCGC   C GCUGGGC   10462   CGGCGGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCGCAG   28837   3696   7334   CCGCUGCC   C GCCGGGGC   10463   CCAGCGGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCGCAG   28838   3699   7331   CUGUCCGC   C GCUGGGCU   10464   AGCCCAGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCGCAG   28839   3702   7328   UCCGCCGC   C GGCGGCC   CUCAGUGAG   GCCGUUAGGC   CGAA ICCGCACG   28841   3714   7316   CUGACGC   UGACGCAC   10467   UGAGGCA   CUGAUGAG   GCCGUUAGGC   CGAA ICCGCACG   28841   3714   7316   CUGAGCGC   C GAGCGAC   10467   UGAGGCA   CUGAUGAG   GCCGUUAGGC   CGAA ICCGCCC   28841   3729   7301   CGCUCAGC   C CAGCUUGC   10468   CAAGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA ICCCACC   28844   3722   7308   AUUGCCUC   C CAGCUUGC   10468   CAAGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA ICCAGCG   28844   3722   7308   AUUGCCUC   C CAGCUUGC   10468   CAAGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA ICCAGCC   28846   3729   7301   CAG	3651	7379	CCGUGGCC A CGAUGCCA			
3662   7368   AUGCCAUC C ACUACAGC   10454   GCUGUAGU CUGAUGAG   GCCGUUAGGC CGAA IAUGGCAU   28829   3663   7367   UGCCAUC A CUACAGCG   10455   CGCUGUAG CUGAUGAG   GCCGUUAGGC CGAA IGAUGGCA   28830   3665   7365   CCAUCCAC U ACAGCGUU   10456   AACGCUGU CUGAUGAG   GCCGUUAGGC CGAA IUGGUAGG   28831   3668   7362   UCCACUAC A GCGUUCU   10457   AAGAACGC CUGAUGAG   GCCGUUAGGC CGAA IUAGUAGG   28831   3675   7355   CAGCGUUC U UCAUGAUU   10458   AAUCAUGA CUGAUGAG   GCCGUUAGGC CGAA IAACGCUG   28833   3678   7352   CGUUCUUC A UGAUGAUU   10459   CAGGAUCA CUGAUGAG   GCCGUUAGGC CGAA IAACGCUG   28834   3685   7345   CAUGAUUC C   GGCCGU   10460   CAGCGGC CUGAUGAG   GCCGUUAGGC CGAA IAACGCUG   28834   3689   7341   AUUCCGGC C   GCUGUCGG   10461   CGGACAGC CUGAUGAG   GCCGUUAGGC CGAA IACCGUA   28836   3699   7334   CCGCCGC U GUCCGCC   10462   CGGCGGAC CUGAUGAG   GCCGUUAGGC CGAA ICCGGAAU   28836   3699   7334   CCGCUGC C   GCCGCUG   10464   AGCCCAGC CUGAUGAG   GCCGUUAGGC CGAA ICCGCAAU   28836   3699   7334   CUGUCCGC C   GCUGGGCU   10464   AGCCCAGC CUGAUGAG   GCCGUUAGGC CGAA IACAGCG   28837   3702   7328   UCCGCCGC U   GGCGGAC   10465   CUCAGCCC CUGAUGAG   GCCGUUAGGC CGAA ICCGCGA   28839   3702   7328   UCCGCCGC U   GGCGGAU   10464   AGCCCAGC CUGAUGAG   GCCGUUAGGC CGAA ICCGCGA   28839   3702   7328   UCCGCCGC U   GAGCGCAU   10464   AGCCCAGC CUGAUGAG   GCCGUUAGGC CGAA ICCCAGCG   28840   3707   7323   CGCUGGC U   GAGCGCAU   10464   AGCCCAGC CUGAUGAG   GCCGUUAGGC CGAA ICCCAGCG   28841   3714   7316   CUGAGCGC U   GAGCGCAU   10466   AUGCGCUC CUGAUGAG   GCCGUUAGGC CGAA ICCCAGCG   28841   3714   7315   CGCUGCG U   GAGCGCAU   10467   UGAGGCA CUGAUGAG   GCCGUUAGGC CGAA ICCCAGC   28841   3722   7308   AUUGCCUC   AGCUUGC   10469   GCAAGCUG CUGAUGAG   GCCGUUAGGC CGAA ICCAGCG   28844   3722   7308   AUUGCCUC   AGCUUGC   10469   GCAAGCUG CUGAUGAG   GCCGUUAGGC CGAA ICCAGCG   28844   3722   7305   GCCUCAGC U   CAGCUUGC   10469   GCAAGCUG CUGAUGAG   GCCGUUAGGC CGAA ICCAGCGC   28846   3729   7300   AGCUUGC   ACCGGGAA   10470   UGGCAAC CUGAUGAG   GCC	3658	7372	CACGAUGC C AUCCACUA	10452		
3663   7367	3659	7371	ACGAUGCC A UCCACUAC	10453		
3665         7365         CCAUCCAC U ACAGGGUU         10456         AACGCUGU CUGAUGAG         GCCGUUAGGC         CGAA IUGGAUGG         28831           3668         7362         UCCACUAC A GCGUUCUU         10457         AAGAACGC CUGAUGAG         GCCGUUAGGC         CGAA IUAGUGGA         28832           3675         7355         CAGCGUUC U UCAUGAUU         10458         AAUCAUGA CUGAUGAG         GCCGUUAGGC         CGAA IAACGCUG         28833           3678         7352         CGUUCUC A UGAUUCCG         10459         CGGAAUCA CUGAUGAG         GCCGUUAGGC         CGAA IAACGCUG         28834           3685         7345         CAUGAUUC C GCCUGUCG         10461         CGGAGCC CUGAUGAG         GCCGUUAGGC         CGAA IAACGCUG         28835           3699         7331         AUUCCGGC C GCUGCGG         10461         CGGCGGAC CUGAUGAG         GCCGUUAGGC         CGAA ICAGCCGG         28837           3696         7334         CCGCUGUC C GCCGCUGG         10463         CCAGCGGC CUGAUGAG         GCCGUUAGGC         CGAA ICAGCCGG         28838           3699         7331         CUGUCCGC C GCUGGGCU         10464         AGCCCAGC         CUGAUGAG         GCCGUUAGGC         CGAA ICAGCGGA         28839           3702         7328         UCCGCCGC U GGACCAU         10466 <td>3662</td> <td>7368</td> <td>AUGCCAUC C ACUACAGE</td> <td>10454</td> <td>GCUGUAGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU</td> <td>28829</td>	3662	7368	AUGCCAUC C ACUACAGE	10454	GCUGUAGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCAU	28829
3668         7362         UCCACUAC A GCGUUCUU         10457         AAGAACGC         CUGAUGAG         GCCGUUAGGC         CGAA         IUAGUGGA         28832           3675         7355         CAGCGUUC U UCAUGAUU         10458         AAUCAUGA         CUGAUGAG         GCCGUUAGGC         CGAA         IAACGCUG         28833           3678         7352         CGUUCUUC A UGAUUCCG         10459         CGGAAUCA         CUGAUGAG         GCCGUUAGGC         CGAA         IAAGAACG         28834           3685         7345         CAUGAUUC         CGGCGCU         10461         CGGGACC         CUGAUGAG         CCGUUAGGC         CGAA         IAAGAACG         28836           3699         7334         AUUCCGGC C         GCUCGCGC         10461         CGGCGGC         CUGAUGAG         CCGUUAGGC         CGAA         ICGGCCGG         28837           3696         7334         CCGCCGCC C         GCCGCUGG         10463         CCAGCGGC         CUGAUGAG         CCGUUAGGC         CGAA         IACAGCGG         28837           3699         7331         CUGUCCGC C         GCGUGGGC         10464         AGCCCAGC         CUGAUGAG         CGAA         ICGGCGGA         28843           3702         7328         UCCGCGCC U GGGCAU	3663	7367	UGCCAUCC A CUACAGCG	10455	CGCUGUAG CUGAUGAG GCCGUUAGGC CGAA IGAUGGCA	28830
3675   7355	3665	7365	CCAUCCAC U ACAGCGUU	10456	AACGCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGG	28831
3678         7352         CGUUCUUC A UGAUUCCG         10459         CGGAAUCA CUGAUGAG GCCGUUAGGC         CGAA IAAGAACG         28834           3685         7345         CAUGAUUC C GGCCGCUG         10460         CAGCGGC CUGAUGAG GCCGUUAGGC         CGAA IAAUCAUG         28835           3689         7341         AUUCCGGC C GCUGUCCG         10461         CGGACAGC CUGAUGAG GCCGUUAGGC CAA ICCGGAAU         28836           3692         7338         CCGGCGGC U GUCCGCG         10462         CGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGGCCG         28837           3696         7334         CCGCUGUC C GCCGCUGG         10463         CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGGACGC 28838           3699         7331         CUGUCCGC C GCUGGGCU 10464         AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGACG 28839           3702         7328         UCCGCCGC U GGGCGAU 10466         AGCCGCC CUGAUGAG GCCGUUAGGC CGAA ICCGACG 28841           3707         7323         CGCUGGGC U GAGCGAU 10466         AUGCGCCC CUGAUGAG GCCGUUAGGC CGAA ICCCAGC 28841           3714         7316         CUGAGCGC A UUGCCUCA 10467         UGAGGCAC CUGAUGAG GCCGUUAGGC CGAA ICCAGCG 28842           3720         7310         GCAUUGCC U CAGCUUGC 10469         GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICCAGCG 28843           3722         7308         AUUGCCACA CUGACC UCCAGCGGA CUGAUGAG GCCGUUAGGC CGAA ICCAGCG CAA ICCAGCG CAACCC UCC	3668	7362	UCCACUAC A GCGUUCUU	10457	AAGAACGC CUGAUGAG GCCGUUAGGC CGAA IUAGUGGA	28832
3678         7352         CGUUCUUC A UGAUUCCG         10459         CGGAAUCA CUGAUGAG GCCGUUAGGC         CGAA IAAGAACG         28834           3685         7345         CAUGAUUC C GGCCGCUG         10460         CAGCGGCC CUGAUGAG GCCGUUAGGC         CGAA IAAUCAUG         28835           3689         7341         AUUCCGGC C GCUGUCG         10461         CGGACAGC CUGAUGAG GCCGUUAGGC CAA ICCGGCAU         28836           3692         7338         CCGCCGCC U GUCCGCCG         10462         CGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGG         28837           3696         7334         CCGCUGUC C GCCGGGCU         10463         CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA ICCGCAGG         28838           3699         7331         CUGUCCGC C GCUGGGCU         10464         AGCCCAGC CUGAUGAG GCCGUUAGGC CAA ICCGACAG 28839           3702         7328         UCCGCCGC U GGGCUAGA 10464         AGCCCAGC CUGAUGAG GCCGUUAGGC CAA ICCGACAG 28840           3707         7323         CGCUGGGC U GAGCGCAU 10466         AUGCGCC CUGAUGAG GCCGUUAGGC CAA ICCCAGCG 28841           3714         7316         CUGAGCGC A UUGCCCA 10467         UGAGGCA CUGAUGAG GCCGUUAGGC CAA ICCAGCG 28842           3719         7311         CGCAUUGC C UCAGCUUG 10468         CAAGCUGA CUGAUGAG GCCGUUAGGC CAA ICCAGCG 28843           3720         7308         AUUGCCUCA GCUGCC A GCUGACC COGAACC CAACC CUGAUGAG C	3675	7355	CAGCGUUC U UCAUGAUU	10458	AAUCAUGA CUGAUGAG GCCGUUAGGC CGAA IAACGCUG	28833
3685         7345         CAUGAUUC C GGCCGCUG         10460         CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG         28835           3689         7341         AUUCCGGC C GCUGUCCG         10461         CGGACAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAU         28836           3692         7338         CCGGCCGC U GUCCGCCG         10462         CGGCGGAC CUGAUGAG GCCGUUAGGC CGAA ICCGCCGG         28837           3696         7334         CCGCUGUC C GCCGCUGG         10463         CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG         28838           3699         7331         CUGUCCGC C GCUGGGCU         10464         AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICCGCCAG         28839           3702         7328         UCCGCCGC U GAGCGCAU         10465         CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICCCACC         28840           3707         7323         CGCUGGGC U GAGCGCAU         10466         AUGCCCUC CUGAUGAG GCCGUUAGGC CGAA ICCCACC         28841           3714         7316         CUGAGCGC U UCAGCUUG         10467         UGAGGCGA CUGAUGAG GCCGUUAGGC CGAA ICCACC         28842           3719         7311         CGCAUUGC C UCAGCUUG         10468         CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICCAUGC         28843           3720         7300         AUUGCCUC A GCUUGCCA         10470         UGGCAACC CUGAUGAG GCCGUUAGGC CGAA ICCAGCC         CGAA ICCAGC		7352	CGUUCUUC A UGAUUCCG	10459	CGGAAUCA CUGAUGAG GCCGUUAGGC CGAA IAAGAACG	28834
3689         7341         AUUCCGGC         CGUGUCCG         10461         CGGACAGC         CUGAUGAG         GCCGUUAGGC         CGAA         ICCGGAAU         28836           3692         7338         CCGGCGGC         U GUCCGCG         10462         CGGCGGAC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCCGG         28837           3696         7334         CCGCUGUC         C GCUGGGCU         10464         AGCCCAGC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCAG         28838           3699         7331         CUGUCCGC         C GCUGGGCU         10464         AGCCCAGC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCAGA         28839           3702         7328         UCCGCCGC         U GGGCUAG         10465         CUCAGCCC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCGGA         28840           3707         7323         CGCUGGGC         U UGCCUCA         10467         UGAGGCCC         CUGAUGAG         CGCGUUAGGC         CGAA         ICCCAGCG         28841           3719         7311         CGCAUUGC         U UGAGCUGC         10468         CAAGCUGA         CUGAUGAG         CGAA         ICAAUGCC         28844           3722 <t< td=""><td><del></del></td><td></td><td></td><td>10460</td><td>CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG</td><td>28835</td></t<>	<del></del>			10460	CAGCGGCC CUGAUGAG GCCGUUAGGC CGAA IAAUCAUG	28835
3692         7338         CCGGCCGC         U GUCCGCCG         10462         CGGCGGAC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCCGG         28837           3696         7334         CCGCUGUC         C GCCGCUGG         10463         CCAGCGGC         CUGAUGAG         GCCGUUAGGC         CGAA         IACAGCGG         28838           3699         7331         CUGUCCGC         C GCUGGGCU         10464         AGCCCAGC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGGCCGA         28839           3702         7328         UCCGCCGC         U GGGCUGAG         10465         CUCAGCCC         CUGAUGAG         GCCGUUAGGC         CGAA         ICGCGCGA         28840           3707         7323         CGCUGGGC         U GAGCGCAU         10466         AUGCGCUC         CUGAUGAG         GCCGUUAGGC         CGAA         ICCCAGCG         28841           3714         7316         CUGAGCGC         A UUGCCUCA         10467         UGAGGCAA         CUGAUGAG         GCCGUUAGGC         CGAA         ICCCAGCG         28842           3719         7311         CGCAUUGCC         U CAGCUUGC         10468         CAAGCUGA         CUGAUGAG         GCCGUUAGGC         CGAA         ICAAUGCC         28844 <t< td=""><td><math>\vdash</math></td><td></td><td></td><td></td><td></td><td>28836</td></t<>	$\vdash$					28836
3696 7334 CCGCUGUC C GCCGCUGG 10463 CCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IACAGCGG 28838 3699 7331 CUGUCCGC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICGGACAG 28839 3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGA 28840 3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG 28843 3720 7310 GCAUUGCC U CAGCUUG 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICAAUGC 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACAU CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28859				+		28837
3699 7331 CUGUCCGC C GCUGGGCU 10464 AGCCCAGC CUGAUGAG GCCGUUAGGC CGAA ICGGACAG 28839 3702 7328 UCCGCCGC U GGGCUGAG 10465 CUCAGCCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGA 28840 3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852					<u> </u>	<del></del>
3702         7328         UCCGCCGC U GGGCUGAG         10465         CUCAGCCC CUGAUGAG GCCGUUAGGC         CGAA ICGGCGA         28840           3707         7323         CGCUGGGC U GAGCGCAU         10466         AUGCGCUC CUGAUGAG GCCGUUAGGC         CGAA ICCCAGCG         28841           3714         7316         CUGAGCGC A UUGCCUCA         10467         UGAGGCAA CUGAUGAG GCCGUUAGGC         CGAA ICGCUCAG         28842           3719         7311         CGCAUUGC C UCAGCUUG         10468         CAAGCUGA CUGAUGAG GCCGUUAGGC         CGAA ICAAUGC         28843           3720         7310         GCAUUGCC U CAGCUUGC         10469         GCAAGCUG CUGAUGAG GCCGUUAGGC         CGAA IGCAAUGC         28844           3722         7308         AUUGCCUC A GCUUGCCA         10470         UGGCAAGC CUGAUGAG GCCGUUAGGC         CGAA IAGGCAAU         28845           3725         7305         GCCUCAGC U UGCCAACC         10471         GGUUGGCA CUGAUGAG GCCGUUAGGC         CGAA ICAAGCUG         28846           3729         7301         CAGCUUGC C AACCGGGA         10472         UCCCGGUU CUGAUGAG GCCGUUAGGC         CGAA ICAAGCU         28847           3730         7300         AGCUUGCC A ACCGGGAA         10474         UGGUUCCC CUGAUGAG GCCGUUAGGC         CGAA IUUGCCA         28848           3733 <t< td=""><td></td><td></td><td></td><td>L</td><td></td><td></td></t<>				L		
3707 7323 CGCUGGGC U GAGCGCAU 10466 AUGCGCUC CUGAUGAG GCCGUUAGGC CGAA ICCCAGCG 28841 3714 7316 CUGAGCGC A UUGCCUCA 10467 UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGCUCAG 28842 3719 7311 CGCAUUGC C UCAGCUUG 10468 CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG 28843 3720 7310 GCAUUGCC U CAGCUUGC 10469 GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC 28844 3722 7308 AUUGCCUC A GCUUGCCA 10470 UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU 28845 3725 7305 GCCUCAGC U UGCCAACC 10471 GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC 28846 3729 7301 CAGCUUGC C AACCGGGA 10472 UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28847 3730 7300 AGCUUGCC A ACCGGGAA 10473 UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG 28848 3733 7297 UUGCCAAC C GGGAACCA 10474 UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA 28849 3740 7290 CCGGGAAC C AUGUAGGC 10475 GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 28850 3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACAU CUGAUGAG GCCGUUAGGC CGAA ICUCACAU 28852			<del> </del>			
37147316CUGAGCGC A UUGCCUCA10467UGAGGCAA CUGAUGAG GCCGUUAGGC CGAA ICGCUCAG2884237197311CGCAUUGC C UCAGCUUG10468CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGC2884337207310GCAUUGCC U CAGCUUGC10469GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC2884437227308AUUGCCUC A GCUUGCCA10470UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU2884537257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAACC A UGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA ICUCACAU2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852				<del></del>		
37197311CGCAUUGC C UCAGCUUG10468CAAGCUGA CUGAUGAG GCCGUUAGGC CGAA ICAAUGCG2884337207310GCAUUGCC U CAGCUUGC10469GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC2884437227308AUUGCCUC A GCUUGCCA10470UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU2884537257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA ICUCACAU2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852		<del></del>		<del> </del>		
37207310GCAUUGCC U CAGCUUGC10469GCAAGCUG CUGAUGAG GCCGUUAGGC CGAA IGCAAUGC2884437227308AUUGCCUC A GCUUGCCA10470UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU2884537257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA ICUCACAU2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852			<del></del>	<del></del>		<del></del>
37227308AUUGCCUC A GCUUGCCA10470UGGCAAGC CUGAUGAG GCCGUUAGGC CGAA IAGGCAAU2884537257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852						
37257305GCCUCAGC U UGCCAACC10471GGUUGGCA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGC2884637297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC 10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCG2885037417289CGGGAACC A UGUAGGCA 10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA 10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852	3720	7310	GCAUUGCC U CAGCUUGC	<del></del>		<del> </del>
37297301CAGCUUGC C AACCGGGA10472UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG2884737307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC 10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA 10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA 10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852	3722	7308	AUUGCCUC A GCUUGCCA	10470		
37307300AGCUUGCC A ACCGGGAA10473UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU2884837337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC 10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA 10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA 10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852	3725	7305	GCCUCAGC U UGCCAACC	10471		28846
37337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC 10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 2885037417289CGGGAACC A UGUAGGCA 10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 2885137497281AUGUAGGC A UAGUGGCA 10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852	3729	7301	CAGCUUGC C AACCGGGA	10472	UCCCGGUU CUGAUGAG GCCGUUAGGC CGAA ICAAGCUG	28847
37337297UUGCCAAC C GGGAACCA10474UGGUUCCC CUGAUGAG GCCGUUAGGC CGAA IUUGGCAA2884937407290CCGGGAAC C AUGUAGGC 10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG 2885037417289CGGGAACC A UGUAGGCA 10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 2885137497281AUGUAGGC A UAGUGGCA 10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852	3730	7300	AGCUUGCC A ACCGGGAA	10473	UUCCCGGU CUGAUGAG GCCGUUAGGC CGAA IGCAAGCU	28848
37407290CCGGGAAC C AUGUAGGC10475GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG2885037417289CGGGAACC A UGUAGGCA10476UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG2885137497281AUGUAGGC A UAGUGGCA10477UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU28852	<del></del>			<del></del>	<u> </u>	28849
3741 7289 CGGGAACC A UGUAGGCA 10476 UGCCUACA CUGAUGAG GCCGUUAGGC CGAA IGUUCCCG 28851 3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852			<del></del>	<del></del>	GCCUACAU CUGAUGAG GCCGUUAGGC CGAA IUUCCCGG	28850
3749 7281 AUGUAGGC A UAGUGGCA 10477 UGCCACUA CUGAUGAG GCCGUUAGGC CGAA ICCUACAU 28852		<del></del>		<del></del>		28851
	<del></del>	<del></del>		<del></del>	<u></u>	
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			<del></del>			
						<del></del>
3776 7254 GUUGCCGC U GUUACCGU 10480 ACGGUAAC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAC 28855				<del> </del>		
3782 7248 GCUGUUAC C GUAACGGU 10481 ACCGUUAC CUGAUGAG GCCGUUAGGC CGAA IUAACAGC 28856	<del></del>			<del></del>		
3800 7230 AGGGUGAC U UGUCCCCA 10482 UGGGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACCCU 28857	3800	7230	AGGGUGAC U UGUCCCCA	10482	UGGGGACA CUGAUGAG GCCGUUAGGC CGAA IUCACCCU	28857

3805	7225	GACUUGUC C CCAGCAUC	10483	GAUGCUGG CUGAUGAG GCCGUUAGGC CGAA IACAAGUC	28858
3806	7224	ACUUGUCC C CAGCAUCC	10484	GGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGACAAGU	28859
3807	7223	CUUGUCCC C AGCAUCCG	10485	CGGAUGCU CUGAUGAG GCCGUUAGGC CGAA IGGACAAG	28860
3808	7222	UUGUCCCC A GCAUCCGG	10486	CCGGAUGC CUGAUGAG GCCGUUAGGC CGAA IGGGACAA	28861
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA ICUGGGGA	28862
3814	7216	CCAGCAUC C GGCUGCUA	10488	UAGCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUGG	28863
3818	7212	CAUCCGGC U GCUAGCAG	10489	CUGCUAGC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUG	28864
3821	7209	CCGGCUGC U AGCAGGAG	10490	CUCCUGCU CUGAUGAG GCCGUUAGGC CGAA ICAGCCGG	28865
3825	7205	CUGCUAGC A GGAGAGCC	10491	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA ICUAGCAG	28866
3833	7197	AGGAGAGC C GACACUCC	10492	GGAGUGUC CUGAUGAG GCCGUUAGGC CGAA ICUCUCCU	28867
3837	7193	GAGCCGAC A CUCCAACA	10493	UGUUGGAG CUGAUGAG GCCGUUAGGC CGAA IUCGGCUC	28868
3839	7191	GCCGACAC U CCAACAUC	10494	GAUGUUGG CUGAUGAG GCCGUUAGGC CGAA IUGUCGGC	28869
3841	7189	CGACACUC C AACAUCGA	10495	UCGAUGUU CUGAUGAG GCCGUUAGGC CGAA IAGUGUCG	28870
3842	7188	GACACUCC A ACAUCGAC	10496	GUCGAUGU CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	28871
3845	7185	ACUCCAAC A UCGACGAA	10497	UUCGUCGA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGU	28872
3862	7168	GGGGAAGC C UCGCGCGA	10498	UCGCGCGA CUGAUGAG GCCGUUAGGC CGAA ICUUCCCC	28873
3863	7167	GGGAAGCC U CGCGCGAG	10499	CUCGCGCG CUGAUGAG GCCGUUAGGC CGAA IGCUUCCC	28874
	7146				
3884		AAUAGUGC A CUUGCCUG	10500	CAGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICACUAUU	28875
3886	7144	UAGUGCAC U UGCCUGAA	10501	UUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IUGCACUA	28876
3890	7140	GCACUUGC C UGAACGUU	10502	AACGUUCA CUGAUGAG GCCGUUAGGC CGAA ICAAGUGC	28877
3891	7139	CACUUGCC U GAACGUUU	10503	AAACGUUC CUGAUGAG GCCGUUAGGC CGAA IGCAAGUG	28878
3909	7121	UUGAGGUC A AUGAGGUG	10504	CACCUCAU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA	28879
3929	7101	AUGUAAUC U GACGUGAU	10505	AUCACGUC CUGAUGAG GCCGUUAGGC CGAA IAUUACAU	28880
3939	7091	ACGUGAUC A AAUGCUUU	10506	AAAGCAUU CUGAUGAG GCCGUUAGGC CGAA IAUCACGU	28881
3945	7085	UCAAAUGC U UUAGCAGU	10507	ACUGCUAA CUGAUGAG GCCGUUAGGC CGAA ICAUUUGA	28882
3951	7079	GCUUUAGC A GUGGAGUG	10508	CACUCCAC CUGAUGAG GCCGUUAGGC CGAA ICUAAAGC	28883
3965	7065	GUGAGGAC C GCUGUUGU	10509	ACAACAGC CUGAUGAG GCCGUUAGGC CGAA IUCCUCAC	28884
3968	7062	AGGACCGC U GUUGUCAC	10510	GUGACAAC CUGAUGAG GCCGUUAGGC CGAA ICGGUCCU	28885
3975	7055	CUGUUGUC A CAGCGUAC	10511	GUACGCUG CUGAUGAG GCCGUUAGGC CGAA IACAACAG	28886
3977	7053	GUUGUCAC A GCGUACAG	10512	CUGUACGC CUGAUGAG GCCGUUAGGC CGAA IUGACAAC	
3984	7046	CAGCGUAC A GUGACCAG			28887
<del></del>			10513		28888
3990	7040	ACAGUGAC C AGGCUGUU	10514	AACAGCCU CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	28889
3991	7039	CAGUGACC A GGCUGUUG	10515	CAACAGCC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	28890
3995	7035	GACCAGGC U GUUGCCGG	10516	CCGGCAAC CUGAUGAG GCCGUUAGGC CGAA ICCUGGUC	28891
4001	7029	GCUGUUGC C GGCCUCAA	10517	UUGAGGCC CUGAUGAG GCCGUUAGGC CGAA ICAACAGC	28892
4005	7025	UUGCCGGC C UCAAGUCC	10518	GGACUUGA CUGAUGAG GCCGUUAGGC CGAA ICCGGCAA	28893
4006	7024	UGCCGGCC U CAAGUCCA	10519	UGGACUUG CUGAUGAG GCCGUUAGGC CGAA IGCCGGCA	28894
4008	7022	CCGGCCUC A AGUCCAAA	10520	UUUGGACU CUGAUGAG GCCGUUAGGC CGAA IAGGCCGG	28895
4013	7017	CUCAAGUC C AAAAGAAA	10521	UUUCUUUU CUGAUGAG GCCGUUAGGC CGAA IACUUGAG	28896
4014	7016	UCAAGUCC A AAAGAAAC	10522	GUUUCUUU CUGAUGAG GCCGUUAGGC CGAA IGACUUGA	28897
4023	7007	AAAGAAAC U CUCCCAUG	10523	CAUGGGAG CUGAUGAG GCCGUUAGGC CGAA IUUUCUUU	28898
4025	7005	AGAAACUC U CCCAUGCU	10524	AGCAUGGG CUGAUGAG GCCGUUAGGC CGAA IAGUUUCU	28899
4027	7003	AAACUCUC C CAUGCUGA	10525		28900
4028	7002	AACUCUCC C AUGCUGAA	10526	UUCAGCAU CUGAUGAG GCCGUUAGGC CGAA IGAGAGUU	
4029	7002	ACUCUCCC A UGCUGAAA	10526		28901
4033		UCCCAUGC U GAAAUUCU		UUUCAGCA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGU	28902
	6997			AGAAUUUC CUGAUGAG GCCGUUAGGC CGAA ICAUGGGA	28903
4041	6989	UGAAAUUC U CCUUGACC		GGUCAAGG CUGAUGAG GCCGUUAGGC CGAA IAAUUUCA	28904
4043	6987	AAAUUCUC C UUGACCUC		GAGGUCAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUUU	28905
4044	6986	AAUUCUCC U UGACCUCA	10531	UGAGGUCA CUGAUGAG GCCGUUAGGC CGAA IGAGAAUU	28906
4049	6981	UCCUUGAC C UCAAUUCU	10532	AGAAUUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAGGA	28907
4050	6980	CCUUGACC U CAAUUCUU	10533	AAGAAUUG CUGAUGAG GCCGUUAGGC CGAA IGUCAAGG	28908
4052	6978	UUGACCUC A AUUCUUUG	10534	CAAAGAAU CUGAUGAG GCCGUUAGGC CGAA IAGGUCAA	28909
4057	6973	CUCAAUUC U UUGCCCAA	10535	UUGGGCAA CUGAUGAG GCCGUUAGGC CGAA IAAUUGAG	28910
4062	6968	UUCUUUGC C CAAACAAA	10536	UUUGUUUG CUGAUGAG GCCGUUAGGC CGAA ICAAAGAA	28911
4063	6967	UCUUUGCC C AAACAAAC		GUUUGUUU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGA	28912
4064	6966	CUUUGCCC A AACAAACU	10538	AGUUUGUU CUGAUGAG GCCGUUAGGC CGAA IGGCAAAG	28913
4068	6962	GCCCAAAC A AACUGCUU	10539	AAGCAGUU CUGAUGAG GCCGUUAGGC CGAA IUUUGGGC	
4072	6958	AAACAAAC U GCUUAUGU	10540		28914
4075	6955	CAAACUGC U UAUGUCAC		ACAUAAGC CUGAUGAG GCCGUUAGGC CGAA IUUUGUUU	28915
-			10541	GUGACAUA CUGAUGAG GCCGUUAGGC CGAA ICAGUUUG	28916
4082	6948	CUUAUGUC A CUCUUGGU	10542	ACCAAGAG CUGAUGAG GCCGUUAGGC CGAA IACAUAAG	28917
4084	6946	UAUGUCAC U CUUGGUCU	10543	AGACCAAG CUGAUGAG GCCGUUAGGC CGAA IUGACAUA	28918

				Table IA	
4086	6944	UGUCACUC U UGGUCUUA	10544	UAAGACCA CUGAUGAG GCCGUUAGGC CGAA IAGUGACA	28919
4092	6938	UCUUGGUC U UAUCUAGC	10545	GCUAGAUA CUGAUGAG GCCGUUAGGC CGAA IACCAAGA	28920
4097	6933	GUCUUAUC U AGCCAACC	10546	GGUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAUAAGAC	28921
4101	6929	UAUCUAGC C AACCCAUC	10547	GAUGGGUU CUGAUGAG GCCGUUAGGC CGAA ICUAGAUA	28922
4102	6928	AUCUAGCC A ACCCAUCU	10548	AGAUGGGU CUGAUGAG GCCGUUAGGC CGAA IGCUAGAU	28923
4105	6925	UAGCCAAC C CAUCUCGU	10549	ACGAGAUG CUGAUGAG GCCGUUAGGC CGAA IUUGGCUA	28924
		AGCCAACC C AUCUCGUU	10550	AACGAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUGGCU	28925
4106	6924		-	CAACGAGA CUGAUGAG GCCGUUAGGC CGAA IGGUUGGC	28926
4107	6923	GCCAACCC A UCUCGUUG	10551		
4110	6920	AACCCAUC U CGUUGGCU	10552	AGCCAACG CUGAUGAG GCCGUUAGGC CGAA IAUGGGUU	28927
4118	6912	UCGUUGGC U GCCACUGC	10553	GCAGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCAACGA	28928
4121	6909	UUGGCUGC C ACUGCGCU	10554	AGCGCAGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCAA	28929
4122	6908	UGGCUGCC A CUGCGCUC	10555	GAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IGCAGCCA	28930
4124	6906	GCUGCCAC U GCGCUCAC	10556	GUGAGCGC CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	28931
4129	6901	CACUGCGC U CACAAGGG	10557	CCCUUGUG CUGAUGAG GCCGUUAGGC CGAA ICGCAGUG	28932
4131	6899	CUGCGCUC A CAAGGGUC	10558	GACCCUUG CUGAUGAG GCCGUUAGGC CGAA IAGCGCAG	28933
4133	6897	GCGCUCAC A AGGGUCAU	10559	AUGACCCU CUGAUGAG GCCGUUAGGC CGAA IUGAGCGC	28934
4140	6890	CAAGGGUC A UGACACAA	10560	UUGUGUCA CUGAUGAG GCCGUUAGGC CGAA IACCCUUG	28935
4145	6885	GUCAUGAC A CAAAUCAG	10561	CUGAUUUG CUGAUGAG GCCGUUAGGC CGAA IUCAUGAC	28936
4147	6883	CAUGACAC A AAUCAGGA	10562	UCCUGAUU CUGAUGAG GCCGUUAGGC CGAA IUGUCAUG	28937
4152	6878	CACAAAUC A GGAACACG	10563	CGUGUUCC CUGAUGAG GCCGUUAGGC CGAA IAUUUGUG	28938
4158	6872	UCAGGAAC A CGGCUAGC	10564	GCUAGCCG CUGAUGAG GCCGUUAGGC CGAA IUUCCUGA	28939
4163	6867	AACACGGC U AGCUGGUU	10565	AACCAGCU CUGAUGAG GCCGUUAGGC CGAA ICCGUGUU	28940
4167	6863	CGGCUAGC U GGUUGUCU	10566	AGACAACC CUGAUGAG GCCGUUAGGC CGAA ICUAGCCG	28941
		UGGUUGUC U GUCUGCGA	10567	UCGCAGAC CUGAUGAG GCCGUUAGGC CGAA IACAACCA	28942
4175	6855		10568	ACGUUCGC CUGAUGAG GCCGUUAGGC CGAA IACAACCA	28943
4179	6851	UGUCUGUC U GCGAACGU			28944
4191	6839	AACGUUGC U UCUCUGGC	10569		
4194	6836	GUUGCUUC U CUGGCUCA	10570	UGAGCCAG CUGAUGAG GCCGUUAGGC CGAA IAAGCAAC	28945
4196	6834	UGCUUCUC U GGCUCAGG	10571	CCUGAGCC CUGAUGAG GCCGUUAGGC CGAA IAGAAGCA	28946
4200	6830	UCUCUGGC U CAGGAAUU	10572	AAUUCCUG CUGAUGAG GCCGUUAGGC CGAA ICCAGAGA	28947
4202	6828	UCUGGCUC A GGAAUUAG	10573	CUAAUUCC CUGAUGAG GCCGUUAGGC CGAA IAGCCAGA	28948
4212	6818	GAAUUAGC A CAAUCAUC	10574	GAUGAUUG CUGAUGAG GCCGUUAGGC CGAA ICUAAUUC	28949
4214	6816	AUUAGCAC A AUCAUCAA	10575	UUGAUGAU CUGAUGAG GCCGUUAGGC CGAA IUGCUAAU	28950
4218	6812	GCACAAUC A UCAAGAGA	10576	UCUCUUGA CUGAUGAG GCCGUUAGGC CGAA IAUUGUGC	28951
4221	6809	CAAUCAUC A AGAGAAGG	10577	CCUUCUCU CUGAUGAG GCCGUUAGGC CGAA IAUGAUUG	28952
4236	6794	GGGAGAGC A GCAACAUU	10578	AAUGUUGC CUGAUGAG GCCGUUAGGC CGAA ICUCUCCC	28953
4239	6791	AGAGCAGC A ACAUUCCG	10579	CGGAAUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUCU	28954
4242	6788	GCAGCAAC A UUCCGGCG	10580	CGCCGGAA CUGAUGAG GCCGUUAGGC CGAA IUUGCUGC	28955
4246	6784	CAACAUUC C GGCGAUCU	10581	AGAUCGCC CUGAUGAG GCCGUUAGGC CGAA IAAUGUUG	28956
4254	6776	CGGCGAUC U UCGUUCCU	10582	AGGAACGA CUGAUGAG GCCGUUAGGC CGAA IAUCGCCG	28957
4261	6769	CUUCGUUC C UGGAACUU	10583	AAGUUCCA CUGAUGAG GCCGUUAGGC CGAA IAACGAAG	28958
4262	6768	UUCGUUCC U GGAACUUC	10584	GAAGUUCC CUGAUGAG GCCGUUAGGC CGAA IGAACGAA	28959
4268	6762	CCUGGAAC U UCAGCCAU	10585	AUGGCUGA CUGAUGAG GCCGUUAGGC CGAA IUUCCAGG	28960
4271	6759	GGAACUUC A GCCAUCCA	10586	UGGAUGGC CUGAUGAG GCCGUUAGGC CGAA IAAGUUCC	28961
4274	6756	ACUUCAGO C AUCCAACA	10587	UGUUGGAU CUGAUGAG GCCGUUAGGC CGAA ICUGAAGU	28962
4275	6755	CUUCAGCC A UCCAACAG	10588	CUGUUGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGAAG	28963
4278	6752	CAGCCAUC C AACAGAAA	10589	UUUCUGUU CUGAUGAG GCCGUUAGGC CGAA IAUGGCUG	28964
		AGCCAUCC A ACAGAAAA		UUUUCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGCU	28965
4279	6751	<del></del>	10590	CCULTUUU CCUGAUGAG GCCGUUAGGC CGAA IUUGGAUG	
4282	6748	CAUCCAAC A GAAAAAGG	10591	<u> </u>	28966
4298	6732	GUCGCGAC U CCCAAGAC	10592	GUCUUGGG CUGAUGAG GCCGUUAGGC CGAA IUCGCGAC	28967
4300	6730	CGCGACUC C CAAGACAG	10593	CUGUCUUG CUGAUGAG GCCGUUAGGC CGAA IAGUCGCG	28968
4301	6729	GCGACUCC C AAGACAGC	10594	GCUGUCUU CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC	28969
4302	6728	CGACUCCC A AGACAGCG	10595	CGCUGUCU CUGAUGAG GCCGUUAGGC CGAA IGGAGUCG	28970
4307	6723	CCCAAGAC A GCGCCUCC	10596		28971
4312	6718	GACAGCGC C UCCCAAAC	10597	GUUUGGGA CUGAUGAG GCCGUUAGGC CGAA ICGCUGUC	28972
4313	6717	ACAGCGCC U CCCAAACC	10598	GGUUUGGG CUGAUGAG GCCGUUAGGC CGAA IGCGCUGU	28973
4315	6715	AGCGCCUC C CAAACCUA	10599	UAGGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGCGCU	28974
4316	6714	GCGCCUCC C AAACCUAU	10600	AUAGGUUU CUGAUGAG GCCGUUAGGC CGAA IGAGGCGC	28975
4317	6713	CGCCUCCC A AACCUAUC	10601	GAUAGGUU CUGAUGAG GCCGUUAGGC CGAA IGGAGGCG	28976
4321	6709	UCCCAAAC C UAUCUUUC	10602	GAAAGAUA CUGAUGAG GCCGUUAGGC CGAA IUUUGGGA	28977
4322	6708	CCCAAACC U AUCUUUCC	10603	GGAAAGAU CUGAUGAG GCCGUUAGGC CGAA IGUUUGGG	28978
4326	6704	AACCUAUC U UUCCAAUG	10604	CAUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAUAGGUU	28979
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		•		Table IX	·
4330	6700	UAUCUUUC C AAUGCCCU	10605	AGGGCAUU CUGAUGAG GCCGUUAGGC CGAA IAAAGAUA	28980
4331	6699	AUCUUUCC A AUGCCCUU	10606	AAGGGCAU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAU	28981
4336	6694	UCCAAUGC C CUUCCGCU	10607	AGCGGAAG CUGAUGAG GCCGUUAGGC CGAA ICAUUGGA	28982
4337	6693	CCAAUGCC C UUCCGCUG	10608	CAGCGGAA CUGAUGAG GCCGUUAGGC CGAA IGCAUUGG	28983
	6692	CAAUGCCC U UCCGCUGC	10609	GCAGCGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUUG	28984
4338		UGCCCUUC C GCUGCAUG	10610	CAUGCAGC CUGAUGAG GCCGUUAGGC CGAA IAAGGGCA	28985
4341	6689			CCUCAUGC CUGAUGAG GCCGUUAGGC CGAA ICGGAAGG	28986
4344	6686	CCUUCCGC U GCAUGAGG	10611		28987
4347	6683	UCCGCUGC A UGAGGAGG	10612		
4364	6666	AAGAAUAC U CCCAUGGU	10613	ACCAUGGG CUGAUGAG GCCGUUAGGC CGAA IUAUUCUU	28988
4366	6664	GAAUACUC C CAUGGUCA	10614	UGACCAUG CUGAUGAG GCCGUUAGGC CGAA IAGUAUUC	28989
4367	6663	AAUACUCC C AUGGUCAU	10615	AUGACCAU CUGAUGAG GCCGUUAGGC CGAA IGAGUAUU	28990
4368	6662	AUACUCCC A UGGUCAUC	10616	GAUGACCA CUGAUGAG GCCGUUAGGC CGAA IGGAGUAU	28991
4374	6656	CCAUGGUC A UCACACUC	10617	GAGUGUGA CUGAUGAG GCCGUUAGGC CGAA IACCAUGG	28992
4377	6653	UGGUCAUC A CACUCAAU	10618	AUUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAUGACCA	28993
4379	6651	GUCAUCAC A CUCAAUAA	10619	UUAUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGAUGAC	28994
4381	6649	CAUCACAC U CAAUAAGG	10620	CCUUAUUG CUGAUGAG GCCGUUAGGC CGAA IUGUGAUG	28995
4383	6647	UCACACUC A AUAAGGCA	10621	UGCCUUAU CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	28996
4391	6639	AAUAAGGC A AUCAAGGC	10622	GCCUUGAU CUGAUGAG GCCGUUAGGC CGAA ICCUUAUU	28997
		AGGCAAUC A AGGCAAUU	10623	AAUUGCCU CUGAUGAG GCCGUUAGGC CGAA IAUUGCCU	28998
4395	6635			CAGACAAU CUGAUGAG GCCGUUAGGC CGAA ICCUUGAU	28999
4400	6630	AUCAAGGC A AUUGUCUG	10624	UGCUCUUC CUGAUGAG GCCGUUAGGC CGAA IACAAUUG	29000
4407	6623	CAAUUGUC U GAAGAGCA	10625		
4415	6615	UGAAGAGC A UCUGGCAG	10626	CUGCCAGA CUGAUGAG GCCGUUAGGC CGAA ICUCUUCA	29001
4418	6612	AGAGCAUC U GGCAGUUC	10627	GAACUGCC CUGAUGAG GCCGUUAGGC CGAA IAUGCUCU	29002
4422	6608	CAUCUGGC A GUUCCUCC	10628	GGAGGAAC CUGAUGAG GCCGUUAGGC CGAA ICCAGAUG	29003
4427	6603	GGCAGUUC C UCCAGGGC	10629	GCCCUGGA CUGAUGAG GCCGUUAGGC CGAA IAACUGCC	29004
4428	6602	GCAGUUCC U CCAGGGCC	10630	GGCCCUGG CUGAUGAG GCCGUUAGGC CGAA IGAACUGC	29005
4430	6600	AGUUCCUC C AGGGCCAU	10631	AUGGCCCU CUGAUGAG GCCGUUAGGC CGAA IAGGAACU	29006
4431	6599	GUUCCUCC A GGGCCAUU	10632	AAUGGCCC CUGAUGAG GCCGUUAGGC CGAA IGAGGAAC	29007
4436	6594	UCCAGGGC C AUUCUGUG	10633	CACAGAAU CUGAUGAG GCCGUUAGGC CGAA ICCCUGGA	29008
4437	6593	CCAGGGCC A UUCUGUGA	10634	UCACAGAA CUGAUGAG GCCGUUAGGC CGAA IGCCCUGG	29009
4441	6589	GGCCAUUC U GUGAGCUC	10635	GAGCUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUGGCC	29010
4448	6582	CUGUGAGC U CUUCCUCC	10636	GGAGGAAG CUGAUGAG GCCGUUAGGC CGAA ICUCACAG	29011
4450	6580	GUGAGCUC U UCCUCCUU	10637	AAGGAGGA CUGAUGAG GCCGUUAGGC CGAA IAGCUCAC	29012
4453	6577	AGCUCUUC C UCCUUUCU	10638	AGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IAAGAGCU	29013
	6576	GCUCUUCC U CCUUUCUC	10639	GAGAAAGG CUGAUGAG GCCGUUAGGC CGAA IGAAGAGC	29014
4454		UCUUCCUC C UUUCUCUG	10640	CAGAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAAGA	29015
4456	6574		<del></del>	GCAGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGGAAG	29016
4457	6573	CUUCCUCC U UUCUCUGC	10641		29017
4461	6569	CUCCUUUC U CUGCAGUG	10642		
4463	6567	CCUUUCUC U GCAGUGGC	10643	GCCACUGC CUGAUGAG GCCGUUAGGC CGAA IAGAAAGG	29018
4466	6564	UUCUCUGC A GUGGCCAC	10644	GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICAGAGAA	29019
4472	6558	GCAGUGGC C ACAACGUA	10645	UACGUUGU CUGAUGAG GCCGUUAGGC CGAA ICCACUGC	29020
4473	6557	CAGUGGCC A CAACGUAC	10646	GUACGUUG CUGAUGAG GCCGUUAGGC CGAA IGCCACUG	29021
4475	6555	GUGGCCAC A ACGUACAU	10647	AUGUACGU CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	29022
4482	6548	CAACGUAC A UGGUGUCA	10648	UGACACCA CUGAUGAG GCCGUUAGGC CGAA IUACGUUG	29023
4490	6540	AUGGUGUC A AGUGCUUC	10649	GAAGCACU CUGAUGAG GCCGUUAGGC CGAA IACACCAU	29024
4496	6534	UCAAGUGC U UCCCAUGU	10650	ACAUGGGA CUGAUGAG GCCGUUAGGC CGAA ICACUUGA	29025
4499	6531	AGUGCUUC C CAUGUCUU	10651	AAGACAUG CUGAUGAG GCCGUUAGGC CGAA IAAGCACU	29026
4500	6530	GUGCUUCC C AUGUCUUC	10652	GAAGACAU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAC	29027
4501	6529	UGCUUCCC A UGUCUUCC	10653	GGAAGACA CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	29028
4506	6524	CCCAUGUC U UCCCCAUG	10654	CAUGGGGA CUGAUGAG GCCGUUAGGC CGAA IACAUGGG	29029
4509	6521	AUGUCUUC C CCAUGAAG	10655	CUUCAUGG CUGAUGAG GCCGUUAGGC CGAA IAAGACAU	29030
4510	6520	UGUCUUCC C CAUGAAGU	10656	ACUUCAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGACA	29031
4511	6519	GUCUUCCC C AUGAAGUG	10657	CACUUCAU CUGAUGAG GCCGUUAGGC CGAA IGGAAGAC	29032
				GCACUUCA CUGAUGAG GCCGUUAGGC CGAA IGGGAAGA	29033
4512	6518	UCUUCCCC A UGAAGUGC	10658	L	<del></del>
4521	6509	UGAAGUGC U CAGGCAUC	<del></del>	GAUGCCUG CUGAUGAG GCCGUUAGGC CGAA ICACUUCA	29034
4523	6507	AAGUGCUC A GGCAUCUU	10660	AAGAUGCC CUGAUGAG GCCGUUAGGC CGAA IAGCACUU	29035
4527	6503	GCUCAGGC A UCUUUCCC	10661	GGGAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCUGAGC	29036
4530	6500	CAGGCAUC U UUCCCAGA	10662	UCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IAUGCCUG	29037
4534	6496	CAUCUUUC C CAGAACCU	10663	AGGUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGAUG	29038
4535	6495	AUCUUUCC C AGAACCUC	10664	GAGGUUCU CUGAUGAG GCCGUUAGGC CGAA IGAAAGAU	29039
4536	6494	UCUUUCCC A GAACCUCA	10665	UGAGGUUC CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA	29040
		<del>4</del>		L	

4541	6489	CCCAGAAC C UCAAUGAG	10666	CUCAUUGA CUGAUGAG GCCGUUAGGC CGAA IUUCUGGG	29041
		CCAGAACC U CAAUGAGC	10667	GCUCAUUG CUGAUGAG GCCGUUAGGC CGAA IGUUCUGG	29042
4542	6488	AGAACCUC A AUGAGCCC	10668	GGGCUCAU CUGAUGAG GCCGUUAGGC CGAA IAGGUUCU	29043
4544	6486	CAAUGAGC C CUAUCUGA	10669	UCAGAUAG CUGAUGAG GCCGUUAGGC CGAA ICUCAUUG	29044
4551	6479		10689	CUCAGAUA CUGAUGAG GCCGUUAGGC CGAA IGCUCAUU	29045
4552	6478	AAUGAGCC C UAUCUGAG			29046
4553	6477	AUGAGCCC U AUCUGAGA	10671	UCUCAGAU CUGAUGAG GCCGUUAGGC CGAA IGGCUCAU	29047
4557	6473	GCCCUAUC U GAGAACGU	10672	ACGUUCUC CUGAUGAG GCCGUUAGGC CGAA IAUAGGGC	
4570	6460	ACGUUUUC C CGAGGCGA	10673	UCGCCUCG CUGAUGAG GCCGUUAGGC CGAA IAAAACGU	29048
4571	6459	CGUUUUCC C GAGGCGAA	10674	UUCGCCUC CUGAUGAG GCCGUUAGGC CGAA IGAAAACG	29049
4583	6447	GCGAAGUC C UUGAACGC	10675	GCGUUCAA CUGAUGAG GCCGUUAGGC CGAA IACUUCGC	29050
4584	6446	CGAAGUCC U UGAACGCC	10676	GGCGUUCA CUGAUGAG GCCGUUAGGC CGAA IGACUUCG	29051
4592	6438	UUGAACGC C UUUAGUGC	10677	GCACUAAA CUGAUGAG GCCGUUAGGC CGAA ICGUUCAA	29052
4593	6437	UGAACGCC U UUAGUGCC	10678	GGCACUAA CUGAUGAG GCCGUUAGGC CGAA IGCGUUCA	29053
4601	6429	UUUAGUGC C UGGUGAUC	10679	GAUCACCA CUGAUGAG GCCGUUAGGC CGAA ICACUAAA	29054
4602	6428	UUAGUGCC U GGUGAUCC	10680	GGAUCACC CUGAUGAG GCCGUUAGGC CGAA IGCACUAA	29055
4610	6420	UGGUGAUC C GAGUACAC	10681	GUGUACUC CUGAUGAG GCCGUUAGGC CGAA IAUCACCA	29056
4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG CUGAUGAG GCCGUUAGGC CGAA IUACUCGG	29057
4619	6411	GAGUACAC C CUGGCGUC	10683	GACGCCAG CUGAUGAG GCCGUUAGGC CGAA IUGUACUC	29058
4620	6410	AGUACACC C UGGCGUCA	10684	UGACGCCA CUGAUGAG GCCGUUAGGC CGAA IGUGUACU	29059
4621	6409	GUACACCC U GGCGUCAA	10685	UUGACGCC CUGAUGAG GCCGUUAGGC CGAA IGGUGUAC	29060
4628	6402	CUGGCGUC A AUCCAGCG	10686	CGCUGGAU CUGAUGAG GCCGUUAGGC CGAA IACGCCAG	29061
4632	6398	CGUCAAUC C AGCGCGGC	10687	GCCGCGCU CUGAUGAG GCCGUUAGGC CGAA IAUUGACG	29062
4633	6397	GUCAAUCC A GCGCGGCC	10688	GGCCGCGC CUGAUGAG GCCGUUAGGC CGAA IGAUUGAC	29063
4641	6389	AGCGCGGC C UCAGAAUC	10689	GAUUCUGA CUGAUGAG GCCGUUAGGC CGAA ICCGCGCU	29064
4642	6388	GCGCGGCC U CAGAAUCU	10690	AGAUUCUG CUGAUGAG GCCGUUAGGC CGAA IGCCGCGC	29065
4644	6386	GCGGCCUC A GAAUCUUC	10691	GAAGAUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCCGC	29066
4650	6380	UCAGAAUC U UCCUUUCA	10692	UGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGA	29067
4653	6377	GAAUCUUC C UUUCACCA	10693	UGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAAGAUUC	29068
4654	6376	AAUCUUCC U UUCACCAA	10694	UUGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAAGAUU	29069
4658	6372	UUCCUUUC A CCAAGCUU	10695	AAGCUUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAA	29070
4660	6370	CCUUUCAC C AAGCUUCG	10696	CGAAGCUU CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29071
4661	6369	CUUUCACC A AGCUUCGU	10697	ACGAAGCU CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29072
4665	6365	CACCAAGC U UCGUGAUG	10698	CAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGUG	29073
4676	6354	GUGAUGAC U UCCACUUC	10699	GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	29074
	6351	AUGACUUC C ACUUCGUU	10700	AACGAAGU CUGAUGAG GCCGUUAGGC CGAA IAAGUCAU	29075
4679		UGACUUCC A CUUCGUUG	10701	CAACGAAG CUGAUGAG GCCGUUAGGC CGAA IGAAGUCA	29076
4680	6350	ACUUCCAC U UCGUUGUU	10702	AACAACGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	29077
4682	6348	<u> </u>		AUUUUAGA CUGAUGAG GCCGUUAGGC CGAA IACAACAA	29078
4694	6336	UUGUUGUC U UCUAAAAU	10703	<u> </u>	29079
4697	6333	UUGUCUUC U AAAAUUGU	10704	ACAAUUUU CUGAUGAG GCCGUUAGGC CGAA IAAGACAA	29079
4713	6317	UGUUUGUC C UAGGACCA	10705	UGGUCCUA CUGAUGAG GCCGUUAGGC CGAA IACAAACA	
4714	6316	GUUUGUCC U AGGACCAU	10706	AUGGUCCU CUGAUGAG GCCGUUAGGC CGAA IGACAAAC	29081
4720	6310	CCUAGGAC C AUCAAAGC	10707	GCUUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCCUAGG	29082
4721	6309	CUAGGACC A UCAAAGCA	10708		29083
4724	6306	GGACCAUC A AAGCACCA	10709		29084
4729	6301	AUCAAAGC A CCACCUCC	+		29085
4731	6299	CAAAGCAC C ACCUCCGG			29086
4732	6298	AAAGCACC A CCUCCGGU	<del></del>		29087
4734	6296	AGCACCAC C UCCGGUCG			29088
4735	6295	GCACCACC U CCGGUCGU	10714		29089
4737	6293	ACCACCUC C GGUCGUGG	10715	l	29090
4752	6278	GGUAUGAC A CUCCAGCC	10716		29091
4754	6276	UAUGACAC U CCAGCCGC	10717	GCGGCUGG CUGAUGAG GCCGUUAGGC CGAA IUGUCAUA	29092
4756	6274	UGACACUC C AGCCGCUG	10718	CAGCGGCU CUGAUGAG GCCGUUAGGC CGAA IAGUGUCA	29093
4757	6273	GACACUCC A GCCGCUGC	10719	GCAGCGGC CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	29094
4760	6270	ACUCCAGC C GCUGCAAC	10720	GUUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICUGGAGU	29095
4763	6267	CCAGCCGC U GCAACCUU	<del></del>		29096
4766	6264	GCCGCUGC A ACCUUGUA	10722		29097
4769	6261	GCUGCAAC C UUGUAAGC	<del></del>		29098
4770	6260	CUGCAACC U UGUAAGCC	<del></del>		29099
4778	6252	UUGUAAGC C AGCCAAAC	<del></del>		29100
4779	6251	UGUAAGCC A GCCAAACU	<del></del>		29101
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		PAGGORGE C ANACTIGGE	10727	GCCAGUUU CUGAUGAG GCCGUUAGGC CGAA ICUGGCUU	29102
4782	6248	AAGCCAGC C AAACUGGC	10728	UGCCAGUU CUGAUGAG GCCGUUAGGC CGAA IGCUGGCU	29103
4783	6247	AGCCAGCC A AACUGGCA		GAUCUGCC CUGAUGAG GCCGUUAGGC CGAA IUUUGGCU	29104
4787	6243	AGCCAAAC U GGCAGAUC	10729	UGCAGAUC CUGAUGAG GCCGUUAGGC CGAA ICCAGUUU	29105
4791	6239	AAACUGGC A GAUCUGCA	10730	AGGACUGC CUGAUGAG GCCGUUAGGC CGAA IAUCUGCC	29106
4796	6234	GGCAGAUC U GCAGUCCU	10731		29107
4799	6231	AGAUCUGC A GUCCUCAA	10732		29107
4803	6227	CUGCAGUC C UCAACAGU	10733	ACUGUUGA CUGAUGAG GCCGUUAGGC CGAA IACUGCAG	
4804	6226	UGCAGUCC U CAACAGUU	10734	AACUGUUG CUGAUGAG GCCGUUAGGC CGAA IGACUGCA	29109
4806	6224	CAGUCCUC A ACAGUUCC	10735	GGAACUGU CUGAUGAG GCCGUUAGGC CGAA IAGGACUG	29110
4809	6221	UCCUCAAC A GUUCCAGA	10736	UCUGGAAC CUGAUGAG GCCGUUAGGC CGAA IUUGAGGA	29111
4814	6216	AACAGUUC C AGAAAGUU	10737	AACUUUCU CUGAUGAG GCCGUUAGGC CGAA IAACUGUU	29112
4815	6215	ACAGUUCC A GAAAGUUU	10738	AAACUUUC CUGAUGAG GCCGUUAGGC CGAA IGAACUGU	29113
4828	6202	GUUUUUUC U CUCUUCUC	10739	GAGAAGAG CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29114
4830	6200	טטטטטכטכ ט כטטכטככט	10740	AGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAAAAA	29115
4832	6198	UUUCUCUC U UCUCCUCU	10741	AGAGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGAAA	29116
4835	6195	CUCUCUUC U CCUCUGAG	10742	CUCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGAG	29117
4837	6193	CUCUUCUC C UCUGAGCC	10743	GGCUCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG	29118
4838	6192	UCUUCUCC U CUGAGCCG	10744	CGGCUCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA	29119
4840	6190	UUCUCCUC U GAGCCGGU	10745	ACCGGCUC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	29120
4845	6185	CUCUGAGC C GGUAUUCC	10746	GGAAUACC CUGAUGAG GCCGUUAGGC CGAA ICUCAGAG	29121
4853	6177	CGGUAUUC C CCAUCCAU	10747	AUGGAUGG CUGAUGAG GCCGUUAGGC CGAA IAAUACCG	29122
4854	6176	GGUAUUCC C CAUCCAUG	10748	CAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAUACC	29123
4855	6175	GUAUUCCC C AUCCAUGG	10749	CCAUGGAU CUGAUGAG GCCGUUAGGC CGAA IGGAAUAC	29124
4856	6174	UAUUCCCC A UCCAUGGU	10750	ACCAUGGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAUA	29125
4859	6171	UCCCCAUC C AUGGUAUA	10751	UAUACCAU CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	29126
4860	6170	CCCCAUCC A UGGUAUAU	10752	AUAUACCA CUGAUGAG GCCGUUAGGC CGAA IGAUGGGG	29127
4871	6159	GUAUAUAC C UUCUCACG	10753	CGUGAGAA CUGAUGAG GCCGUUAGGC CGAA IUAUAUAC	29128
4872	6158	UAUAUACC U UCUCACGC	10754	GCGUGAGA CUGAUGAG GCCGUUAGGC CGAA IGUAUAUA	29129
4875	6155	AUACCUUC U CACGCUCU	10755	AGAGCGUG CUGAUGAG GCCGUUAGGC CGAA IAAGGUAU	29130
4877	6153	ACCUUCUC A CGCUCUGG	10756	CCAGAGCG CUGAUGAG GCCGUUAGGC CGAA IAGAAGGU	29131
	6149	UCUCACGC U CUGGUUGG	10757	CCAACCAG CUGAUGAG GCCGUUAGGC CGAA ICGUGAGA	29132
4881	6147	UCACGCUC U GGUUGGUA	10758	UACCAACC CUGAUGAG GCCGUUAGGC CGAA IAGCGUGA	29133
4883	6125	GAGCGAUC A GUCCGUUU	10759	AAACGGAC CUGAUGAG GCCGUUAGGC CGAA IAUCGCUC	29134
	6121	GAUCAGUC C GUUUGGCA	10760	UGCCAAAC CUGAUGAG GCCGUUAGGC CGAA IACUGAUC	29135
4909		CGUUUGGC A UGUUGAUG	10761	CAUCAACA CUGAUGAG GCCGUUAGGC CGAA ICCAAACG	29136
4917	6113	AUGUUGUC C AGCAUGAU	10762	AUCAUGCU CUGAUGAG GCCGUUAGGC CGAA IACAACAU	29137
4931	6099		10763	AAUCAUGC CUGAUGAG GCCGUUAGGC CGAA IGACAACA	29138
4932	6098	UGUUGUCC A GCAUGAUU	10764	ACGAAUCA CUGAUGAG GCCGUUAGGC CGAA ICUGGACA	29139
4935	6095	UGUCCAGC A UGAUUCGU	10765	UGGACUGA CUGAUGAG GCCGUUAGGC CGAA ICACGAAU	29140
4946	6084	AUUCGUGC C UCAGUCCA		UUGGACUGA CUGAUGAG GCCGUUAGGC CGAA IGCACGAA	29141
4947	6083	UUCGUGCC U CAGUCCAA	10766	CAUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAGGCACG	29142
4949	6081	CGUGCCUC A GUCCAAUG	10767	CGCCCAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAGG	29143
4953	6077	CCUCAGUC C AAUGGGCG	10768		29143
4954	6076	CUCAGUCC A AUGGGCGA	10769		
4976	6054	GAGUCGUC U UCAUUCGU	10770		29145
4979	6051	UCGUCUUC A UUCGUGUG	10771		29146
4989	6041	UCGUGUGC C CCCCAUAA	10772		29147
4990	6040	CGUGUGCC C CCCAUAAC	10773		29148
4991	6039	GUGUGCCC C CCAUAACA	10774		29149
4992	6038	UGUGCCCC C CAUAACAG	10775		29150
4993	6037	GUGCCCCC C AUAACAGU	10776		29151
4994	6036	UGCCCCCC A UAACAGUA	10777		29152
4999	6031	CCCAUAAC A GUACUCAU	10778		29153
5004	6026	AACAGUAC U CAUCACCA	10779		29154
5006	6024	CAGUACUC A UCACCAAC	10780		29155
5009	6021	UACUCAUC A CCAACUUG	10781		29156
5011	6019	CUCAUCAC C AACUUGCG	10782		29157
5012	6018	UCAUCACC A ACUUGCGA	10783		29158
5015	6015	UCACCAAC U UGCGACGG	10784		29159
5029	6001	CGGAUUUC U ACCGAUAC	10785		29160
5032	5998	AUUUCUAC C GAUACGUC	10786		29161
5041	5989	GAUACGUC C ACGUCUCU	10787	<del></del>	29162
	<del></del>	<u> </u>			

Table IX

				I adie IX	_
5042	5988	AUACGUCC A CGUCUCUG	10788	CAGAGACG CUGAUGAG GCCGUUAGGC CGAA IGACGUAU	29163
5047	5983	UCCACGUC U CUGGGCGG	10789	CCGCCCAG CUGAUGAG GCCGUUAGGC CGAA IACGUGGA	29164
5049	5981	CACGUCUC U GGGCGGCA	10790	UGCCGCCC CUGAUGAG GCCGUUAGGC CGAA IAGACGUG	29165
5057	5973	UGGGCGGC A CUAGCUGC	10791	GCAGCUAG CUGAUGAG GCCGUUAGGC CGAA ICCGCCCA	29166
	5971	GGCGGCAC U AGCUGCUG	10792	CAGCAGCU CUGAUGAG GCCGUUAGGC CGAA IUGCCGCC	29167
5059		GCACUAGC U GCUGUCAC	10793	GUGACAGC CUGAUGAG GCCGUUAGGC CGAA ICUAGUGC	29168
5063	5967	<u> </u>		GCAGUGAC CUGAUGAG GCCGUUAGGC CGAA ICAGCUAG	29169
5066	5964	CUAGCUGC U GUCACUGC	10794		
5070	5960	CUGCUGUC A CUGCAGAU	10795	AUCUGCAG CUGAUGAG GCCGUUAGGC CGAA IACAGCAG	29170
5072	5958	GCUGUCAC U GCAGAUGG	10796	CCAUCUGC CUGAUGAG GCCGUUAGGC CGAA IUGACAGC	29171
5075	5955	GUCACUGC A GAUGGUUC	10797	GAACCAUC CUGAUGAG GCCGUUAGGC CGAA ICAGUGAC	29172
5084	5946	GAUGGUUC U CCCAGGAU	10798	AUCCUGGG CUGAUGAG GCCGUUAGGC CGAA IAACCAUC	29173
5086	5944	UGGUUCUC C CAGGAUCA	10799	UGAUCCUG CUGAUGAG GCCGUUAGGC CGAA IAGAACCA	29174
5087	5943	GGUUCUCC C AGGAUCAC	10800	GUGAUCCU CUGAUGAG GCCGUUAGGC CGAA IGAGAACC	29175
5088	5942	GUUCUCCC A GGAUCACU	10801	AGUGAUCC CUGAUGAG GCCGUUAGGC CGAA IGGAGAAC	29176
5094	5936	CCAGGAUC A CUCUCCCU	10802	AGGGAGAG CUGAUGAG GCCGUUAGGC CGAA IAUCCUGG	29177
5096	5934	AGGAUCAC U CUCCCUUC	10803	GAAGGGAG CUGAUGAG GCCGUUAGGC CGAA IUGAUCCU	29178
5098	.5932	GAUCACUC U CCCUUCUC	10804	GAGAAGGG CUGAUGAG GCCGUUAGGC CGAA IAGUGAUC	29179
5100	5930	UCACUCUC C CUUCUCCU	10805	AGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGAGUGA	29180
	5929	CACUCUCC C UUCUCCUU	10806	AAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGAGUG	29181
5101		ACUCUCCC U UCUCCUUC	10807	GAAGGAGA CUGAUGAG GCCGUUAGGC CGAA IGGAGAGU	29182
5102	5928	<del></del>	10807	ACAGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAGGGAG	29183
5105	5925	CUCCCUUC U CCUUCUGU			29184
5107	5923	CCCUUCUC C UUCUGUUA	10809		
5108	5922	CCUUCUCC U UCUGUUAU	10810	AUAACAGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGG	29185
5111	5919	UCUCCUUC U GUUAUGAU	10811	AUCAUAAC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29186
5130	5900	UUGGUUUC A CACUCUUC	10812	GAAGAGUG CUGAUGAG GCCGUUAGGC CGAA IAAACCAA	29187
5132	5898	GGUUUCAC A CUCUUCCG	10813	CGGAAGAG CUGAUGAG GCCGUUAGGC CGAA IUGAAACC	29188
5134	5896	UUUCACAC U CUUCCGGC	10814	GCCGGAAG CUGAUGAG GCCGUUAGGC CGAA IUGUGAAA	29189
5136	5894	UCACACUC U UCCGGCUG	10815	CAGCCGGA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGA	29190
5139	5891	CACUCUUC C GGCUGUCA	10816	UGACAGCC CUGAUGAG GCCGUUAGGC CGAA IAAGAGUG	29191
5143	5887	CUUCCGGC U GUCAAUCA	10817	UGAUUGAC CUGAUGAG GCCGUUAGGC CGAA ICCGGAAG	29192
5147	5883	CGGCUGUC A AUCACCCU	10818	AGGGUGAU CUGAUGAG GCCGUUAGGC CGAA IACAGCCG	29193
5151	5879	UGUCAAUC A CCCUGCUC	10819	GAGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAUUGACA	29194
5153	5877	UCAAUCAC C CUGCUCGC	10820	GCGAGCAG CUGAUGAG GCCGUUAGGC CGAA IUGAUUGA	29195
5154	5876	CAAUCACC C UGCUCGCC	10821	GGCGAGCA CUGAUGAG GCCGUUAGGC CGAA IGUGAUUG	29196
5155	5875	AAUCACCC U GCUCGCCU	10822	AGGCGAGC CUGAUGAG GCCGUUAGGC CGAA IGGUGAUU	29197
5158	5872	CACCCUGC U CGCCUUGA	10823	UCAAGGCG CUGAUGAG GCCGUUAGGC CGAA ICAGGGUG	29198
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5162		UGCUCGCC U UGAAGUUA	10825	UAACUUCA CUGAUGAG GCCGUUAGGC CGAA IGCGAGCA	29200
5163	5867			GAAAUGGG CUGAUGAG GCCGUUAGGC CGAA ICUAACUU	29201
5174	5856		10826		29202
5175	5855	AGUUAGCC C CCAUUUCA	10827	UGAAAUGG CUGAUGAG GCCGUUAGGC CGAA IGCUAACU	
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5177	5853	UUAGCCCC C AUUUCAGA	10829	UCUGAAAU CUGAUGAG GCCGUUAGGC CGAA IGGGCUAA	29204
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5183	5847	CCCAUUUC A GAUAUGUC	10831	GACAUAUC CUGAUGAG GCCGUUAGGC CGAA IAAAUGGG	29206
5192	5838	GAUAUGUC U GUUGUGAU	10832	AUCACAAC CUGAUGAG GCCGUUAGGC CGAA IACAUAUC	29207
5204	5826	GUGAUAAC A AAGUCCCA	10833	UGGGACUU CUGAUGAG GCCGUUAGGC CGAA IUUAUCAC	29208
5210	5820	ACAAAGUC C CAAUCAUC	10834	GAUGAUUG CUGAUGAG GCCGUUAGGC CGAA IACUUUGU	29209
5211	5819	CAAAGUCC C AAUCAUCG	10835	CGAUGAUU CUGAUGAG GCCGUUAGGC CGAA IGACUUUG	29210
5212	5818	AAAGUCCC A AUCAUCGU	10836	ACGAUGAU CUGAUGAG GCCGUUAGGC CGAA IGGACUUU	29211
5216	5814	UCCCAAUC A UCGUUCUU	10837	AAGAACGA CUGAUGAG GCCGUUAGGC CGAA IAUUGGGA	29212
5223	5807	CAUCGUUC U UACAUUUU	10838	AAAAUGUA CUGAUGAG GCCGUUAGGC CGAA IAACGAUG	29213
5227	5803	GUUCUUAC A UUUUGGGU	10839	ACCCAAAA CUGAUGAG GCCGUUAGGC CGAA IUAAGAAC	29214
5238	5792	UUGGGUAC U CCGUCUCG	10840	CGAGACGG CUGAUGAG GCCGUUAGGC CGAA IUACCCAA	29215
5240	5790	GGGUACUC C GUCUCGUA	10841	UACGAGAC CUGAUGAG GCCGUUAGGC CGAA IAGUACCC	29216
5244	5786	ACUCCGUC U CGUACGAC	10842	GUCGUACG CUGAUGAG GCCGUUAGGC CGAA IACGGAGU	29217
		<del></del>	+	GAACAGAA CUGAUGAG GCCGUUAGGC CGAA IACGGAGG	
5253	5777	CGUACGAC U UUCUGUUC	10843		29218
5257	5773	CGACUUUC U GUUCAAUU	10844	AAUUGAAC CUGAUGAG GCCGUUAGGC CGAA IAAAGUCG	29219
5262	5768	UUCUGUUC A AUUGGACU	10845	AGUCCAAU CUGAUGAG GCCGUUAGGC CGAA IAACAGAA	29220
5270	5760	AAUUGGAC U ACUUUCUU	10846	AAGAAAGU CUGAUGAG GCCGUUAGGC CGAA IUCCAAUU	29221
5273	5757	UGGACUAC U UUCUUUCC	10847	GGAAAGAA CUGAUGAG GCCGUUAGGC CGAA IUAGUCCA	29222
5277	5753	CUACUUUC U UUCCAGCA	10848	UGCUGGAA CUGAUGAG GCCGUUAGGC CGAA IAAAGUAG	29223
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F202	E240	TRANSPARIE C ACCACCINI	10849	AACGUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAA	29224
5281	5749	UUUCUUUC C AGCACGUU	10850	CAACGUGC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA	29225
5282	5748	UUCUUUCC A GCACGUUG		CUACAACG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAA	29226
5285	5745	UUUCCAGC A CGUUGUAG	10851	UUGCCCUU CUGAUGAG GCCGUUAGGC CGAA ICCUACAA	29227
5296	5734	UUGUAGGC A AAGGGCAA	10852		29227
5303	5727	CAAAGGGC A AUCUCAUU	10853		29229
5307	5723	GGGCAAUC U CAUUCCCC	10854	GGGGAAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGCCC	
5309	5721	GCAAUCUC A UUCCCCAU	10855	AUGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGAUUGC	29230
5313	5717	UCUCAUUC C CCAUCUUG	10856	CAAGAUGG CUGAUGAG GCCGUUAGGC CGAA IAAUGAGA	29231
5314	5716	CUCAUUCC C CAUCUUGA	10857	UCAAGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAUGAG	29232
5315	5715	UCAUUCCC C AUCUUGAC	10858	GUCAAGAU CUGAUGAG GCCGUUAGGC CGAA IGGAAUGA	29233
5316	5714	CAUUCCCC A UCUUGACA	10859	UGUCAAGA CUGAUGAG GCCGUUAGGC CGAA IGGGAAUG	29234
5319	5711	UCCCCAUC U UGACACUA	10860	UAGUGUCA CUGAUGAG GCCGUUAGGC CGAA IAUGGGGA	29235
5324	5706	AUCUUGAC A CUAGGCAC	10861	GUGCCUAG CUGAUGAG GCCGUUAGGC CGAA IUCAAGAU	29236
5326	5704	CUUGACAC U AGGCACAA	10862	UUGUGCCU CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	29237
5331	5699	CACUAGGC A CAAACCAA	10863	UUGGUUUG CUGAUGAG GCCGUUAGGC CGAA ICCUAGUG	29238
5333	5697	CUAGGCAC A AACCAAAC	10864	GUUUGGUU CUGAUGAG GCCGUUAGGC CGAA IUGCCUAG	29239
5337	5693	GCACAAAC C AAACCGUC	10865	GACGGUUU CUGAUGAG GCCGUUAGGC CGAA IUUUGUGC	29240
5338	5692	CACAAACC A AACCGUCU	10866	AGACGGUU CUGAUGAG GCCGUUAGGC CGAA IGUUUGUG	29241
5342	5688	AACCAAAC C GUCUUCCC	10867	GGGAAGAC CUGAUGAG GCCGUUAGGC CGAA IUUUGGUU	29242
5346	5684	AAACCGUC U UCCCGGUG	10868	CACCGGGA CUGAUGAG GCCGUUAGGC CGAA IACGGUUU	29243
5349	5681	CCGUCUUC C CGGUGUAU	10869	AUACACCG CUGAUGAG GCCGUUAGGC CGAA IAAGACGG	29244
5350	5680	CGUCUUCC C GGUGUAUU	10870	AAUACACC CUGAUGAG GCCGUUAGGC CGAA IGAAGACG	29245
5360	5670	GUGUAUUC U GUGAUCCA	10871	UGGAUCAC CUGAUGAG GCCGUUAGGC CGAA IAAUACAC	29246
5367	5663	CUGUGAUC C AUUCGUAU	10872	AUACGAAU CUGAUGAG GCCGUUAGGC CGAA IAUCACAG	29247
5368	5662	UGUGAUCC A UUCGUAUC	10873	GAUACGAA CUGAUGAG GCCGUUAGGC CGAA IGAUCACA	29248
5377	5653	UUCGUAUC C AGAGUUCC	10874	GGAACUCU CUGAUGAG GCCGUUAGGC CGAA IAUACGAA	29249
5378	5652	UCGUAUCC A GAGUUCCA	10875	UGGAACUC CUGAUGAG GCCGUUAGGC CGAA IGAUACGA	29250
5385	5645	CAGAGUUC C AAGCUCGA	10876	UCGAGCUU CUGAUGAG GCCGUUAGGC CGAA IAACUCUG	29251
5386	5644	AGAGUUCC A AGCUCGAU	10877	AUCGAGCU CUGAUGAG GCCGUUAGGC CGAA IGAACUCU	29252
5390	5640	UUCCAAGC U CGAUCCGG	10878	CCGGAUCG CUGAUGAG GCCGUUAGGC CGAA ICUUGGAA	29253
5396	5634	GCUCGAUC C GGGAUCUC	10879	GAGAUCCC CUGAUGAG GCCGUUAGGC CGAA IAUCGAGC	29254
5403	5627	CCGGGAUC U CAGUCUGU	10880	ACAGACUG CUGAUGAG GCCGUUAGGC CGAA IAUCCCGG	29255
5405	5625	GGGAUCUC A GUCUGUAA	10881	UUACAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAUCCC	29256
5409	5621	UCUCAGUC U GUAAGUCG	10882	CGACUUAC CUGAUGAG GCCGUUAGGC CGAA IACUGAGA	29257
5436	5594	AAUUGGAC U CUGGGAAU	10883	AUUCCCAG CUGAUGAG GCCGUUAGGC CGAA IUCCAAUU	29258
5438	5592	UUGGACUC U GGGAAUGG	10884	CCAUUCCC CUGAUGAG GCCGUUAGGC CGAA IAGUCCAA	29259
5450	5580	AAUGGAUC U GAAGUGCC	10885	GCACUUC CUGAUGAG GCCGUUAGGC CGAA IAUCCAUU	29260
5458	5572	UGAAGUGC C UGGUGGGG	10886	CCCCACCA CUGAUGAG GCCGUUAGGC CGAA ICACUUCA	29261
5459	5571	GAAGUGCC U GGUGGGGU	10887	ACCCCACC CUGAUGAG GCCGUUAGGC CGAA IGCACUUC	29262
		GGGGUGGC U GUCAUGAA	10888	UUCAUGAC CUGAUGAG GCCGUUAGGC CGAA ICCACCCC	29263
5471	5559	UGGCUGUC A UGAAUAUU	10889	AAUAUUCA CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	29264
5475	5555		10890	GAGGCGGC CUGAUGAG GCCGUUAGGC CGAA ICAAUAUU	29265
5486	5544	AAUAUUGC C GCCGCCUC AUUGCCGC C GCCUCCCC	10890	GGGGAGGC CUGAUGAG GCCGUUAGGC CGAA ICAAUAUU GGGGAGGC CUGAUGAG GCCGUUAGGC CGAA ICGGCAAU	29266
5489	5541	<del></del>	10891		29267
5492	5538	GCCGCCGC C UCCCCUAG			29268
5493	5537	CCGCCGCC U CCCCUAGC	10893	<u> </u>	
5495	5535	GCCGCCUC C CCUAGCUC	<del></del>		29269
5496	5534	CCGCCUCC C CUAGCUCG	10895	CGAGCUAG CUGAUGAG GCCGUUAGGC CGAA IGAGGCGG	29270
5497	5533	CGCCUCCC C UAGCUCGA	10896	<u> </u>	29271
5498	5532	GCCUCCCC U AGCUCGAC	10897	<u> </u>	29272
5502	5528	CCCCUAGC U CGACCUUU	10898	AAAGGUCG CUGAUGAG GCCGUUAGGC CGAA ICUAGGGG	29273
5507	5523	AGCUCGAC C UUUGUGGA	10899	UCCACAAA CUGAUGAG GCCGUUAGGC CGAA IUCGAGCU	29274
5508	5522	GCUCGACC U UUGUGGAA	10900	UUCCACAA CUGAUGAG GCCGUUAGGC CGAA IGUCGAGC	29275
5524	5506	AAUGUAAC C UCUUGCUG	10901	CAGCAAGA CUGAUGAG GCCGUUAGGC CGAA IUUACAUU	29276
5525	5505	AUGUAACC U CUUGCUGC	10902	GCAGCAAG CUGAUGAG GCCGUUAGGC CGAA IGUUACAU	29277
5527	5503	GUAACCUC U UGCUGCAA	10903	UUGCAGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUUAC	29278
5531	5499	CCUCUUGC U GCAAUGCU	10904	AGCAUUGC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGG	29279
5534	5496	CUUGCUGC A AUGCUAGC	10905	GCUAGCAU CUGAUGAG GCCGUUAGGC CGAA ICAGCAAG	29280
5539	5491	UGCAAUGC U AGCUGGGU	10906	ACCCAGCU CUGAUGAG GCCGUUAGGC CGAA ICAUUGCA	29281
5543	5487	AUGCUAGC U GGGUCGGU	10907	<u></u>	29282
5561	5469	AAAUGAGC C UCAUCCAU	10908	AUGGAUGA CUGAUGAG GCCGUUAGGC CGAA ICUCAUUU	29283
5562	5468	AAUGAGCC U CAUCCAUC	10909	GAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGCUCAUU	29284

5567   5466   UGAGCICCA   CAUCACDA   19911   UUCCUIGAD   GORDINGO   GORA HARGE   29986   5567   5463   GOCCICALO   CANCACDA   19912   UUCCUIGAD   GORDINGO   GORDINGO   CORA HARGE   29986   5578   5456   COUCADO   CANCACDA   19913   COUCUIGAD   GORDINGO   GORDINGO   CORA HARGE   29986   5579   5453   UGAGCAC   CARACAGO   19913   COUCUIGAD   GORDINGO   GORDINGO   CORA HARGE   29987   5579   5453   UGAGCAC   COUCADO   19915   UCACAGO   GORDINGO   GORDINGO   GORDINGO   CORA HARGE   29987   5579   5453   UGAGCAC   CURRIGAGO   19915   UCACAGO   GUARDA   GORDINGO   CORA HARGE   29987   5592   54146   UTGACAC   CURRIGAGO   CURRIGAGO   GORDINGO   CORA HARGE   29987   5595   54516   UTGACAC   CURRIGAGO   19915   UCACAGO   CURRIGAGO   GORDINGO   CORA HARGE   29987   5595   54516   UTGACAC   CURRIGAGO   19915   UCACAGO   CURRIGAGO   GORDINGO   CORA HARGE   29992   25956   5444   CORACACO   CURRIGAGO   19917   UCACAGO   CURRIGAGO   GORDINGO   CORA HARGE   29992   25956   5444   CORACACO   GURRIGAGO   19917   UCACAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   CORALAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   CURRIGAGO   CORALAGO   COR					I able IX	
5567         \$463         GOCCURUE C. AUCAGNA.         19912         UUCQURAD. CORADARS (DOCUMER)         CORAL HANGAGO         29286           5571         \$558         SAG. COUCANCO A. CUACGNAC.         19912         GUUCQURA C. GOAL HANGAGO         29287           5571         \$559         CALCACACA A. CUACGNAC.         19913         CUCCAGACA.         COAD. ALARGAGO         29287           5577         \$553         CUACGNAC.         CUCUCACA.         19914         CUCACACAC.         COAD. HURGAGOA.         29291           5595         \$5451         CUECACAC.         CUADAGOA.         COAD. HURGAGOA.         29291           5596         \$5461         COAD. GORGAGOA.         GORGAGOA.         1918         CUCCACAC.         CUADAGOA.         COAD. ALARGAGOCO.         29294           5610         \$460.         GORGAGOA.         GORGAGOA.         19292         CACCACA.         CUADAGOA.         GOAD.         ALCACACA.         CUADAGOA.         COAD.         COAD.         COAD.         COAD.         COAD.         COAD. <td>5564</td> <td>5466</td> <td>UGAGCCUC A UCCAUCAC</td> <td>10910</td> <td>GUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCUCA</td> <td>29285</td>	5564	5466	UGAGCCUC A UCCAUCAC	10910	GUGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGGCUCA	29285
1998   1998				10911	UUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUGAGGC	29286
5577   5459   CALICCAIIC A CRAACAGO   19914   CUICAGACC CIGAURIGA GECRULIAGOC COAN HUNGRIDA   29288   5577   5453   CUICAGACA CECURIGA   19914   CUICACAGC CIGAURIGA GECRULIAGOC COAN HUNGRIDA   29289   5592   5438   AGUITICAGC CECURIGA   19915   CUICACAGC CIGAURIGA GECRULIAGOC COAN HUNGRIDA   29291   5595   5435   UICAGCAGC CECURIGAGO   19916   CUICACACA CIGAURIGA GECRULIAGOC COAN HUNGRIDA   29291   5595   5435   UICAGCAGC CECURIGAGO   19916   CUICACACA CIGAURIGA GECRULIAGOC COAN HUNGRICA   29291   5595   5432   UICAGCAGC CECURIGAGO   19916   CUICACACA CIGAURIGA GECRULIAGOC COAN HUNGRICA   29291   5595   5432   UICAGCAGC CECURIAGOC COAN HUNGRICA   29291   5596   5433   GAGARDIC A UCAGCCUI   19916   CUICACACA CURAIRIGA GECRULIAGOC COAN HUNGRICA   29293   5596   5433   GAGARDIC A UCAGCCUI   19916   CUICACACA CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5510   5420   CARCACAC CUURICAGUA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC CUURIGAGO   19920   CARCACACA CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC A UGARDACAN   19924   AURIGUACAC CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC A UGARDACAN   19924   AURIGUACAC CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC A UGARDACAN   19925   UARACCACA CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5513   5417   ACARCACAC A UGARDACAN   19925   UARACCACA CURAIRIGA GECRULIAGOC COAN HUNGRICA   29295   5514   5318   ACARCACAC A UCAACACAN   19925   UARACCACA   AURIGUACA   29304				10912	GUUCGUGA CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	29287
1997   1965   UCACCARC A GUUGUIGA   19915   UCACARC CUGAUGAG GECUULAGE CAA IUUCGUGA   29989   1995				10913	CCUGUUCG CUGAUGAG GCCGUUAGGC CGAA IAUGGAUG	29288
1995   1995						29289
1992   1915   1916   1916   1916   1917						29290
1995   1995						·
1975   1941						
\$1507 \$123   GAGGIGAR A UCAGCCUG   10919   CAGGCUGA CUGAUGAG GCCGULAGGC   CAA TUCUCCUC   92994   \$1510 \$1217   ACADCAGC C UGUGGGUG   10921   CACCCAC CUGAUGAG   GCCGULAGGC   CAA TUCUCCUC   92926   \$1513 \$117   ACADCAGC C UGUGGGUG   10921   CACCCAC CUGAUGAG   GCCGULAGGC   CAA TUCUCCUC   92926   \$1514 \$116   CAUCAGCC U GUGGGUGA   10922   UCACCCAC CUGAUGAG   GCCGULAGGC   CAA TUCUCCUC   92928   \$1515 \$1915   ACAUGAGC A UGACACAU   10923   AUGUGUGA CUGAUGAG   GCCGULAGGC   CAA TUCUCCUC   92928   \$1515 \$1915   ACAUGAGC A UGACACAU   10924   AUGUGUGA CUGAUGAG   GCCGULAGGC   CAA TUCAGCCU   92929   \$1515 \$1915   ACAUGAGC A UGACACAU   10924   AUGUGUGA CUGAUGAG   GCCGULAGGC   CAA TUCAGCCU   92929   \$1515 \$1915   ACAUGAGC A UGACACAU   10925   AUGUGUGA CUGAUGAG   GCCGULAGGC   CAA TUCAGCCU   92918   \$1515 \$1915   ACAUGAGC A UGACACAU   10926   AUGUGUGA CUGAUGAG   GCCGULAGGC   CAA TUCAUGAG   93910   \$1515 \$1915   ACAUGAGC A UGACACAU   10926   AUGUGUGA CUGAUGAG   GCCGULAGGC   GCAA TUCAUGAG   93910   \$1515 \$1915   ACAUGAGC A AUGUCAUC   10927   GAAAUGACAU   CUGAUGAG   GCCGULAGGC   GCAA TUGAUGAG   93910   \$1515 \$1915   ACAUGAGC A AUGUCAUC   10927   GAAAUGAGA UCAUGAGA   GCCGULAGGC   GCAA TUGAUGAG   93910   \$1515 \$1915   ACAUGAGC A UUUCUCAUU   10930   AAUGAAAU   CUGAUGAG   GCCGULAGGC   GCAA TUGAUGAG   93910   \$1515 \$1915   CAUCAUGC A UUUCUCAUU   10931   AACAGAAU   CUGAUGAG   GCCGULAGGC   GCAA TUGAUGAG   GCAA TUGAUGAG   GCCGULAGGC   GCAA TUCAGAG						
\$610 \$420 GARACANE A GCCUBUGO 10920 CCANAGC CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99295   5613 \$417 ACAUCAGC C UGUGGGUG 10921 CACCOCA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99295   5614 \$416 CAUCAGCC U GUGGGUGA 19921 CACCCACA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99295   5613 \$416 CAUCAGCC U GUGGGUGA 19922 UCACCCAC CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99295   56135 \$5195 AGCAUJAGA C AUGACACA 10923 AUGUGUCA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99296   56135 \$5195 AGCAUJAGA C AUGACACA 10924 AUGUGUA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99296   56137 \$5193 AGCAUJAGA C AUGACACA 10925 UGAUJAGCA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99296   5612 \$5198 CACCUBAGA C AUGACACA 10926 AUGUGUAGA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99396   5612 \$5198 CACCUBAGA C AUGACACA 10926 AUGUGUAGA GCCGULAGGC CAA TAURUFUC 99396   5612 \$5198 CACCUBAGA A VIGACAUCA 10926 AUGUGUAGA GCCGULAGGC CAA TAURUFUC 99300   5612 \$5198 CACCUBAGA AUGUCUCA 10927 GAGAUJUGU CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99300   5612 \$5198 CACCUBAGA AUGUCUCA 10922 UGAAAAG CUGAUJAGA GCCGULAGGC CAA TAURUFUC 99300   5612 \$5198 CACCUBAGA C AUGUCUCA 10922 UGAAAAG CUGAUJAGA GCCGULAGGC CAA TAURUFUC 9930   5612 \$5198 CACCUBAGA C AUGUCAGU 10931 AUGUGUAGA GCCGULAGGC CAA TAURUFUC 9930   5612 \$5198 S317 CUCAUJUC C AUUJAGUU 10931 AUGUGAGA GCCGULAGGC CAA TAURUFUC 9930   5619 \$5171 CUCAUJUC C AUUJAGUU 10931 AUGUGAGA GCCGULAGGC CAA TAURUFUC 9930   5619 \$5171 CUCAUJUC C UGGGCAC 10933 GUGCCCA CUGAUJAGA GCCGULAGGC CAA TAURUFUC 9930   5619 \$5161 UUJAGGUU C UGGGCAC 10933 GUGCCAG CUGAUJAGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGUU C UGGGCAC 10933 GUGCCAG CUGAUJAGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGUU C UGGGCAC CUGAUJAGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGUU C UGGGCAC CUGAUJAGA GCCGULAGGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGUC C AUGUCAGA 10931 GACAUCAC CUGAUJAGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGUC C GUGAUGAG 10931 CACCGAC CUGAUJAGA GCCGULAGGC CAA TAAAAGAA 99307   5619 \$5161 UUJAGGCC C GUGAUGAG C GCGGUAGAG C GAA TAAAAGAA 99307   5619 \$5161 UUJAGGCC C GUGAU						
SALT   ACADERGE C UGUIGGUIG   10921   CACCACA CUGAUGAG   CCGAL TUGAUGGE   CGAL TUGAUGU   29295	5607	5423				
5614   5115   CARCAGCC U GROGGERGA   10922   UCACCCAC CUGAUGAGE   COSA I COLORUS   29297	5610	5420				
5630 5400 AGGGUAGC A UGACACAU 10923 AUGUGUCA CUGAUGAG GCCGUUAGGC CGAA ICUACCCU 99298 5631 53953 CAUGACA A UGACAUCA 10924 AUGUCUAG CUGAUGAG GCCGUUAGGC CGAA IUCACCCU 29299 5642 5388 CAUGACA UGACAUCA 10925 UGAGGGCGUUAGGC CGAA IUCACCGU 29299 5642 5388 CACAUGACA UGACACAU 10926 AUGUGUGA CUGAUGAG GCCGUUAGGC CGAA IUCAUGGG 29301 5645 5385 AUGACUCA A CACACAUC 10927 AGAGUGUC CUGAUGAG GCCGUUAGGC CGAA IUCAUGGG 29301 5645 5385 AUGACUCA A CACAUCAC 10927 AGAGUGUC CUGAUGAG GCCGUUAGGC CGAA IUCAUGGG 29301 5645 5387 CACAUCAAC A NCUCAUU 10928 ANAGAGAU CUGAUGAG GCCGUUAGGC CGAA IUCAUGGG 29301 5652 5379 CACACACAC UUUCCAUU 10930 ANAGGAAA CUGAUGAG GCCGUUAGGC CGAA IUCAUGUG 29302 5654 5376 ACAAUCCA UUUCCAUU 10930 AAUGGAAA CUGAUGAG GCCGUUAGGC CGAA IAUAUGUU 29306 5659 5371 CUCAUUUC C UUGAGCAC 10929 UGAAAAIG CUGAUGAG GCCGUUAGGC CGAA IAUAUGUU 29306 5669 5370 UCAUUUC C UUGAGCAC 10931 AACAUAAA CUGAUGAG GCCGUUAGGC CGAA IAAACAACA 29307 5669 5361 UCAUUUC C UUGAGCAC 10934 ACAGGAA CUGAUGAG GCCGUUAGGC CGAA IAAACAACA 29307 5669 5361 UCAUUUC U GGGCCAC 10933 GUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IAAACAACA 29307 5669 5361 UCAUUUC U GGGCCAC 10933 AUGGACAAA CUGAUGAG GCCGUUAGGC CGAA IAAACAACA 29307 5669 5361 UCAUUUC U GGGCCAC 10933 AUGGACAAA CUGAUGAG GCCGUUAGGC CGAA IAAACAAC 29307 5679 5352 CUGGGGCAC U GCGGAUGA 10934 ACAGGCCA CUGAUGAG GCCGUUAGGC CGAA IAAACAAC 29309 5670 5352 CUGGGCAC U GCGGAUGAU 10934 ACAGGCCA CUGAUGAG GCCGUUAGGC CGAA IAACAACA 29309 5670 5352 CUGGGCAC U GCGGAUGAU 10935 AUCCCACA CUGAUGAG GCCGUUAGGC CGAA IAACACA 29309 5670 5352 CUGGGCAC U GCGGAUGAU 10935 AUCCCACA CUGAUGAG GCCGUUAGGC CGAA IACACCA 29311 5670 5322 GGAUGGC U GCGGUAGC CUGAUGAG CGCGUUAGGC CGAA IACACCA 29316 5670 5352 CUGGGCAC U GCGCGAUC 10939 GACACACA CUGAUGAG GCCGUUAGGC CGAA IACACCA 29316 5770 5322 GGAUGGC U CUCAGGC 10931 ACACCAC CUGAUGAG GCCGUUAGGC CGAA IACACCC 29314 5770 5322 GGAUGAC C GCGAUGAG C GCGAUGAG CGGUUAGGC CGAA IACACCC 29314 5771 5333 CUCAGAC C GCGAUGAC C GCGAUGAG CGGUUAGGC CGAA IACACCC 29314 5771 5333 CUCAGAC C GCGAUGAC C GCGAUGAG CCGUUAGGC CGAA IACACCC 29315 5772 5330 GCC	5613	5417				<del>                                     </del>
\$635 \$395 AGCAUGAC A CAUGACAU 10924 AUGUCADU CUQAUGAG GCGUUAGGC CGAA IUCAUGCU 29399 \$637 \$3933 AUGACAGC A UGACACAU 10926 AUGUGUGU CUQAUGAG GCGUUAGGC CGAA IUCAUGCU 29301 \$642 \$388 CACAUGACA A UCACACAU 10926 AUGUGUGU CUQAUGAG GCGUUAGGC CGAA IUCAUGGU 29301 \$642 \$388 CACAUGACA A AUGUCUCU 10927 GAGAUUGU CUGAUGAG GCGUUAGGC CGAA IUCAUGGU 29301 \$644 \$382 ACAUCAAC A AUGUCUCU 10927 GAGAUUGU CUGAUGAG GCGUUAGGC CGAA IUCAUGUGU 29302 \$648 \$382 ACAUCAAC A AUGUCUCUCU 10929 UGGAAAAU CUGAUGAG GCGUUAGGC CGAA IAUGUGUU 29303 \$6548 \$338 ACACACAC A UUUUCCAU 10929 UGGAAAAU CUGAUGAG GCGUUAGGC CGAA IAUGUGU 29303 \$6552 \$378 CACACACC A UUUUCCAU 10930 AACAGAAU CUGAUGAG GCGUUAGGC CGAA IAUGUGU 29305 \$6554 \$376 ACAAUCUC A UUUCCAU 10930 AACAGAAU CUGAUGAG GCGUUAGGC CGAA IAUGUUGU 29305 \$6565 \$377 CUCAUUUC A UUUGCAUU 10930 AACAGAAU CUGAUGAG GCGUUAGGC CGAA IAAAUGAG 29306 \$666 \$370 UAUGUUGU U CUGGGCAC 10933 GAACAUAA CUGAUGAG GCCGUUAGGC CGAA IAAAUGA 29307 \$666 \$370 UAUGUUGU U CUGGGCAC 10933 GAACAUAA CUGAUGAG GCCGUUAGGC CGAA IAAAUGA 29307 \$666 \$370 UAUGUUGU U CUGGCAC 10933 GAACAUAA CUGAUGAG GCCGUUAGGC CGAA IAAAUGA 29308 \$667 \$354 CUCUGGCC A CUGCAGAU 10935 AUCCCAG CUGAUGAG GCCGUUAGGC CGAA IAAAUGA 29308 \$676 \$354 CUCUGGCC A CUGCAGAU 10935 AUCCCAG CUGAUGAG GCCGUUAGGC CGAA IAAAUGA 29308 \$678 \$352 CUGGGCAC U GUGACCG UAUGAGA CUGAUGAG GCCGUUAGGC CGAA IACACAU 29309 \$678 \$352 CUGGGCAC U GUGACCG UAUGAGA CUGAUGAG GCCGUUAGGC CGAA IACACAU 29306 \$688 \$342 CUGGGCAC UCUCAGU 10936 ACAUCCC CUGAUGAG GCCGUUAGGC CGAA IACACAC 29315 \$688 \$342 CUGGGCAC UCUCAGU 10945 AUCCCGAC CUGAUGAG GCCGUUAGGC CGAA IACACCC 29315 \$694 \$336 CUGGGCAC CUCAGGC CUGAUCAG CUGAUGAG CCGUUAGGC CGAA IACACCC 29315 \$694 \$336 CUGGGCAC CUCAGGC CUGAUGAG CCGACC CUGAUGAG GCCGUUAGGC CGAA IACACCC 29315 \$703 \$327 GGAUGGCC U CUCAGGC 10937 GAGAGGC CUGAUGAG CCGUUAGGC CGAA IACACCC 29315 \$703 \$327 GGAUGACC C UCAGGCAU 10942 AACACCC CUGAUGAG GCCGUUAGGC CGAA IACACCC 29315 \$703 \$336 CUCGGCCA CUCAGGC C UCAGGCAC C UCAGGCAC C CUGAUGAG GCCGUUAGGC CAA IACACCC CCGACCC CUGAUGAG CCGUUAGGC CAA IACACCC C 29315 \$703 \$310 AGCACGCAC	5614	5416	CAUCAGCC U GUGGGUGA	10922		
5642   5388   CACAUGACA   UGACAUCA   10925   MUNIGUUCA CUGAUGAG GCCGUUAGGC CIAA IUGUCAU   29302   5645   5385   AUGACAUCA   A PCARUCUC   10927   GAGAUUGU CUGAUGAG GCCGUUAGGC CIAA IUUGUCAU   29302   5648   5382   ACAUCARC   A NCUCAUU   10928   AAUGAGAU CUGAUGAG GCCGUUAGGC CIAA IAUGUCAU   29302   5648   5385   AUGACACA   A NCUCAUU   10928   AAUGAGAU CUGAUGAG GCCGUUAGGC CIAA IAUGUCAU   29302   5652   5378   CAACAAUC   CAUUUCCA   10928   AAUGAGAU CUGAUGAG GCCGUUAGGC CIAA IAUGUCAU   29304   5652   5376   CACACACU   A UUUCCAUU   10930   AAUGAGAA CUGAUGAG GCCGUUAGGC CIAA IAUGUUGU   29304   5659   5371   CUCAUUUC   A UUUCCAUU   10930   AAUGAGAA CUGAUGAG GCCGUUAGGC CIAA IAUGUUGU   29304   5660   5370   UCAUUUCC   A UUUGUUU   10931   AACGAAAU CUGAUGAG GCCGUUAGGC CIAA IAAAUGAQ   29305   5670   5359   AUGUUCUC   U GGGCACU   10932   GAACAUAA CUGAUGAG GCCGUUAGGC CIAA IAAAUGAQ   29305   5671   5359   AUGUUCUC   U GGGCACU   10933   GUGCCCA CUGAUGAG GCCGUUAGGC CIAA IAAAUGAQ   29309   5676   5354   CUUGAGCA   U GCGGAUU   10935   AUCCCCAC CUGAUGAG GCCGUUAGGC CIAA IAAAUGAQ   29309   5676   5355   CUUGAGCA   U GCGGAUU   10935   AUCCCCAC CUGAUGAG GCCGUUAGGC CIAA IAAAUGAQ   29309   5676   5354   CUUGAGCA   U GCGGAUU   10935   AUCCCCAC CUGAUGAG GCCGUUAGGC CIAA IAAAUGA   29309   5677   5352   CUGGGCA   U GCGGAUGU   10935   AUCCCCAC CUGAUGAG GCCGUUAGGC CIAA IACACUC   29311   5688   5342   CUGGGAC   U GCCGAUGC   10935   AUCCCCAC CUGAUGAG GCCGUUAGGC CIAA IACACUC   29315   5770   5323   GAUGAGC   C GUUCAGGC   10937   CCGGUACC CUGAUGAG GCCGUUAGGC CIAA IACACCA   29313   5770   5323   GAUGAGC   C GUUCAGGC   10937   CAGUGAG CUGAUGAG GCCGUUAGGC CIAA IACACCA   29313   5770   5322   GGCAUCC   C UUCAGGC   10940   CACUGAGA CUGAUGAG GCCGUUAGGC CIAA IACACCC   29315   5770   5322   GGCAUCC   C UUCAGGC   10940   CACUGAGA CUGAUGAG GCCGUUAGGC CIAA IACACCC   29315   5771   5330   GUCCCCC   AUCCCCC   CUCAGGCA   10940   CACUGAGA CUGAUGAG GCCGUUAGGC CIAA IACACCC   29316   5771   5330   GGCCAUCC   C GUCAGGCA   10940   GAAGAGC CUGAUGAG GCCGUUAGGC CIAA IACACC	5630	5400	AGGGUAGC A UGACACAU	10923		
5642   5388	5635	5395	AGCAUGAC A CAUGACAU	10924	AUGUCAUG CUGAUGAG GCCGUUAGGC CGAA IUCAUGCU	29299
5645   5385   AUGICADE A ACAAUCUL   10927   GAGADUGU CUGAUGAG   GCCGUUAGGC   CGAN INJUGUCAU   29302   5648   5382   ACAUCAAC A AUCUCAUU   10928   AAUGAGAU CUGAUGAG   GCCGUUAGGC   CGAN INJUGUCAU   29302   5652   5378   CAACAUCU C AUUUCCAUU   10930   UGGANAUG CUGAUGAG   GCCGUUAGGC   CGAN INJUGUCAU   29304   5655   5378   CACAUCUC A UUUCCAUU   10930   AAUGAGAA CUGAUGAG   GCCGUUAGGC   CGAN INJUGUCAU   29305   5659   5371   UCAUUUC A UUUAUGUU   10932   AACAUAAU CUGAUGAG   GCCGUUAGGC   CGAN IAAUGAG   29306   5660   5370   UCAUUUCC A UUUAUGUU   10932   GAACAUAA   CUGAUGAG   GCCGUUAGGC   CGAN IAAAUGAA   29306   5660   5370   UCAUUUCC A UUUAUGUUC   10933   GUGCCCAG   CUGAUGAG   GCCGUUAGGC   CGAN IAAAUGAA   29306   5671   5359   AUGUCUCU   UGGGCACCU   10934   CAGUUCCC   CUGAUGAG   GCCGUUAGGC   CGAN IAGAACAU   29307   5671   5359   AUGUCUCU   UGGGCACCU   10934   ACAUGAGA   CCCGUUAGGC   CGAN IAGAACAU   29307   5678   5354   CUCUGAGC   U GGGGAGU   10935   AUCUCCAG   CUGAUGAG   GCCGUUAGGC   CGAN IAGAACAU   29305   5678   5352   CUCGGCC U G GGGAGGC   UGGGGAGU   10935   ACAUCCCC   CUGAUGAG   GCCGUUAGGC   CGAN IAGAACAU   29310   5678   5352   CUCGGCC U G GGAGGGC   10938   GCCCAUCC   CUGAUGAG   GCCGUUAGGC   CGAN IAGACCAU   29311   5678   5352   CUCGGCC U G GGAGGGC   10938   GCCCAUCC   CUGAUGAG   GCCGUUAGGC   CGAN IACAUCCC   29314   55703   5327   GGAUGGC   AUCUCCU   10939   GAGAGGAC   CUGAUGAG   GCCGUUAGGC   CGAN IACAUCCC   29315   55703   5327   GGAUGGC   AUCUCCU   10939   GAGAGGAC   CUGAUGAG   GCCGUUAGGC   CGAN IACAUCCC   29316   57703   5322   GGCAGUC   U CAGUGGC   CUGAUGAG   CUGAUGAG   CUGAUGAG   CCCGUUAGGC   CGAN IACAUCCC   29316   57703   5322   GGCAGUC   U CAGUGGC   CUGAUGAG   CUGAUGAG   CUGAUGAG   CCCGUUAGGC   CGAN IACAUCCC   29316   57703   5320   CAGUCCCU   CAGUCCCAU   10944   GAACGCC   CUGAUGAG   CUGAUGAG   CCCGUUAGGC   CGAN IACAUCCC   29316   57703   5320   CAGUCCCU   CAGUCCCAU   10944   GAACGCC   CUGAUGAG   CCCGUUAGGC   CGAN IACAUCCC   29316   5772   5331   CUCAUGAC   U CAGCAC   10944   GAACGCC   CUGAUGAG   CUGAUG	5637	5393	CAUGACAC A UGACAUCA	10925	UGAUGUCA CUGAUGAG GCCGUUAGGC CGAA IUGUCAUG	29300
5648   5382   ACAUCARC A AUCUCAUU   10928   ARUGARGA   CUGAUGAG   GCCGUUAGGC   CGA   AUUGAUGU   29303   5652   5376   ACAAUCU C AUUUCCA   10929   UGGAAAUG   CUGAUGAG   GCCGUUAGGC   CGA   AUUGAUGU   29305   5654   5376   ACAAUCU C AUUUCCA   10932   UGGAAAUG   CUGAUGAG   GCCGUUAGGC   CGA   AUUGAUGU   29305   5659   5371   CUCAUUUC C AUUAUGUU   10931   AACAUAAU   CUGAUGAG   GCCGUUAGGC   CGA   AUAGUAGA   29306   5660   5370   UCAUUUC C AUUAUGUU   10932   GAACAUAA   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUAA   29308   5669   5361   UUAUGUUC   UGGGCAC   10933   GUGCCCAG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUAA   29308   5671   5354   CUCUGGGCA   CUGAGGGC   10933   GUGCCCAG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUAA   29308   5671   5354   CUCUGGGCA   CUGAGGGG   UG935   AUCCCAGA   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUAA   29308   5678   5352   CUGGGCAC   UGCGGAUU   10935   AUCCCAGA   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUAA   29310   5688   5342   CUGGGCAC   UGCGGAUU   10935   AUCCCAGA   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29311   5688   5342   CUGGGCAC   UGCGGAUU   10936   ACAUCCCC   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29312   5694   5336   UCUGGGCAC   UGGGCAG   10937   CCGGUACC   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29312   5707   5322   GGCAGUC   UCUCAGGGC   10939   GAGAGGAC   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29315   5707   5322   GGCAGUC   UCUCAGGG   10939   GAGAGGAC   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29315   5710   5322   GGCAGUC   UCUCAGGG   10941   GCACUGAG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29316   5711   5313   UCUCGUC   AUGCUUC   10942   AAGACUG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29316   5712   5313   GUCCGUC   AUGCUUC   10943   AUAGACGC   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29316   5712   5313   GUCCGUC   AUGCUUC   10945   AGACCUG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29316   5712   5310   AUGCUC   AUGCUUC   10945   AGACCUG   CUGAUGAG   GCCGUUAGGC   CGA   AUACAUCA   29316   5713   5295   AUGCUCAGC   AUCCAGCA   10944   AUGCUGAG   CUGAUGAG   GCCGUUAGGC   CGA	5642	5388	CACAUGAC A UCAACAAU	10926	AUUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUCAUGUG	29301
				10927	GAGAUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUCAU	29302
\$655   \$378   CARCABUC U CAUUUCCA 10929   UGGARAUG CUGAUGAG GCCGUUAGGC CGAR IAGAUUGU 29306   \$6564   \$3370   CUCAUUUC C AUURUGUU 10931   AACARABAU CUGAUGAG GCCGUUAGGC CGAR IAGAUGA 29306   \$6569   \$370   UCAUUUCC A UURUGUU 10932   AACARABAU CUGAUGAG GCCGUUAGGC CGAR IAGAUGA 29306   \$6669   \$3610   UURUGUUC U GUGGCAC 10933   GUGCCCGC GUGAUGAG GCCGUUAGGC CGAR IAGAUGA 29307   \$6669   \$3610   UURUGUUC U GUGGCAC 10933   GUGCCCGC GUGAUGAG GCCGUUAGGC CGAR IAGAUGA 29308   \$6671   \$3559   AUGUCUC U GGGCACU 10934   CAGUGCGC CUGAUGAG GCCGUUAGGC CGAR IAGACAU 29309   \$6767   \$355   CUCUGGGC U GGCGGUUAGG U GUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29311   \$6768   \$5352   CUCUGGGC U GUGGGAUG U 10936   ACAUCCGC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29311   \$6788   \$5352   CUGGGCAC U GCGGAUGU 10936   ACAUCCGC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29311   \$6888   \$5342   CUGGGCAC U GCGGAUGGC 10937   CCGGUACC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29312   \$694   \$5336   CUCUGAGA C GCGAUGAGC 10937   GCCGUACC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29313   \$600   CAUUCAGA C GCGAUGAC C UCUCAGAG GCCGUUAGGC CGAR IACCCAGA 29312   \$703   \$327   GGAIGGC C UCUCAGUG 10939   GCCCAUCC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29315   \$703   \$322   GGCAGUU C UCUCAGUG C 10940   GCCCCACC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29315   \$708   \$322   GGCAGUU C UCUCAGUG C 10940   GCCCACCC CUGAUGAG GCCGUUAGGC CGAR IACCCAGA 29315   \$708   \$322   GGCAGUU C U CAGUGCU U 10942   ACACCAGA CUGAUGAG GCCGUUAGGC CGAR IACCCACC 29316   \$708   \$			<u> </u>	10928	AAUGAGAU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29303
			!		UGGAAAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGUUG	29304
S559   S371						29305
S566   S361				<del> </del>		29306
See   Safa						29307
1571   1535   AUGULOUC U GAGGACU   10934   CAGUGCC CUGAUGAG GCCGUUAGGC   CGAA IAGAACAU   29309   15676   15354   CUCUGAGC A CUGCAGGAUSU   10935   ALCUCCCC CUGAUGAG GCCGUUAGGC   CGAA ICCCAGCAG   29311   1568   15352   CUUGAGCAC U GAGGAUSU   10937   CCGGUACC CUGAUGAG GCCGUUAGGC   CGAA ICCCAGCAG   29311   1568   15342   CGGAUGUC U GGUACCGG   10937   CCGGUACC CUGAUGAG GCCGUUAGGC   CGAA IACAUCCG   29312   15694   15336   UCUGGUAC C GGAUGGC   10937   CCGGUACC   CUGAUGAG GCCGUUAGGC   CGAA IACAUCCG   29315   15703   15327   GGADAGGC A GUCCUCUC   10939   GGAGAGAC CUGAUGAG GCCGUUAGGC   CGAA IACAUCCG   29315   15703   15327   GGADAGGC A GUCCUCUC   10939   GGAGAGAC CUGAUGAG GCCGUUAGGC   CGAA IACAUCCC   29315   15703   15327   GGADAGCA CUCAUGAGG   10940   CACUGAGA   CUGAUGAG GCCGUUAGGC   CGAA IACAUCCC   29315   15703   15320   CAGUCCUC U CUCAGUGC   10941   GCACUGAG CUGAUGAG GCCGUUAGGC   CGAA IACAUCCC   29315   15710   15320   CAGUCCUC U CUCAGUGC   10941   GCACUGAG CUGAUGAG GCCGUUAGGC   CGAA IACAUCCC   29315   15710   15320   CAGUCCUC U A GUGCUUCA   10943   UGAAGCAC   UGAUGAG GCCGUUAGGC   CGAA IACAGCAC   29316   15710   15320   CAGUCUCA   10943   UGAAGCAC   UGAUGAG GCCGUUAGGC   CGAA IACAGCAC   29316   15720   15310   AGUGCUUCA   10944   AAGCACU   10945   GAGAUGAC   10945   GAGAUGAC   10945   GAGAUGAG GCCGUUAGGC   CGAA IACAGCAC   29316   15720   15310   AGUGCUUCA   10945   GAGAUGAC   10945   GAGAUGAC   10945   GAGAUGAC   10945   GAGAUGAC   10945   GAGAUGAG   10945   GAGAUGAC   10945   GAGAUGAC   10945   GAGAUGAC   10945						
S576   S354   CUCURGGC A CUICCGGAU   10935   AUCCGCAG CUGAUGAG   GCCGUUAGGC   CGAA ICCCAGAG   29310						
S578   S352   CUGGGCAC U GCGGAUGU   10936   ACAUCCGC CUGAUGAG   GCCGUUAGGC   CQA IUGCCAG   29311						<del></del>
S588   S342   COGANIGUE U GOUACCGG   10937   CCGGUACC CUGAUGAG   GCCGUUAGGC   CGAA IACAUCCG   29312	<del></del>					
5594   5336						<del></del>
5703   5327   GADUGGG A GUCCUCU   10939   GAGAGGAC CUGAUGAG   CCGUUAGGC   CGAA ICCCAUCC   29314     5707   5323   GGGCAGUC C UCUCAGUG   10940   CACUGAGA CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315     5708   5322   GGCAGUCC U CUCAGUGC   10941   GCACUGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACUGCC   29315     5710   5320   CAGUCCUC U CAGUGCUU   10942   AAGCACUG   CUGAUGAG   GCCGUUAGGC   CGAA IAGGACUG   C29315     5712   5318   GUCCUCU C A GUGCUUCA   10943   UGAAGCAC   CUGAUGAG   GCCGUUAGGC   CGAA IAGGACC   29317     5712   5313   CUCAGUGC U UCAGCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA IAGGACC   29318     5717   5310   AGUGCUUC A GUCCUCAU   10945   AAGAGCC   CUGAUGAG   GCCGUUAGGC   CGAA IAGCACU   29320     5723   5310   AGUGCUUC A GUCCAGC   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IAAGCACU   29320     5724   5306   CUUCAGC   A UCUCAGC   10946   GCUGAGAU   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAC   29321     5727   5303   CAGCCAUC   UCAGCACAC   10946   GCUGAGAU   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAC   29322     5728   5301   GCCAUCUC   A GCCACACC   10948   GGCUGCU   GUGAUGAG   GCCGUUAGGC   CGAA IACUGAC   29322     5729   5301   GCCAUCUC   A GCCACACC   10949   GUGGUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAC   29324     5732   5298   AUCUCAGC   A GCCACAAC   10950   GUUGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAC   29325     5735   5295   UCAGCAGC   A CAACCCU   10951   AGGUUGU   CUGAUGAG   GCCGUUAGGC   CGAA IACUGAG   29326     5736   5294   CAGCAGCC   A CAACCCU   10952   CAGGGUU   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGA   29326     5741   5289   GCACAAC   CUGGUUGG   10953   ACCAAGCG   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAGA   29326     5742   5288   CCACAACC   CUGGUUGG   10955   ACCAACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAG   29326     5743   5287   CACAACC   CUGGUUGG   10955   ACCAACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUGAC   29336     5757   5273   GUUGUGC   A GCCUGU   10956   ACCAACC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAC   29336     5762   5268   AGCAGGGC   CAGCACCAC   10957   GCCGUUAGG   GCCGUUAGGC						
5707   5323   GGCAGUC C UCUCAGUG   10940   CACUGAGA CUGAUGAG   GCCGUUAGGC   CGAA IACUGCCC   29315						<del></del>
5708   5322   GGCAGUCC U CUCAGUGC   10941   GCACUGAG CUGAUGAG   GCCGUUAGGC   CGAA IAGACUGC   29316						
5710   5320   CAGUCCUC U CAGUGCUU   10942   AAGCACUG CUGAUGAG   GCCGUUAGGC   CGAA TAGGACUG   29317     5712   5318   GUCCUCUC A GUGCUUCA   10943   UGAAGCAC CUGAUGAG   GCCGUUAGGC   CGAA TAGAGGAC   29318     5717   5313   CUCAGUGC U UCAGCCAU   10944   AUGGCUGA   CUGAUGAG   GCCGUUAGGC   CGAA TAGAGGAC   29318     5720   5310   AGUGCUUC A GCCAUCUC   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA TAGAGGAC   29329     5723   5310   GCUUCAGC   CAUCUCAGC   10945   GAGAUGGC   CUGAUGAG   GCCGUUAGGC   CGAA TAGAGCAC   29320     5724   5306   CUUCAGCC   AUCUCAGC   10947   UGCUGAGA   CUGAUGAG   GCCGUUAGGC   CGAA TAGCUGAAG   29321     5724   5306   CUUCAGCC   AUCUCAGC   10949   GCUGGUG   CUGAUGAG   GCCGUUAGGC   CGAA TAGAUGAC   29323     5727   5303   CAGCCAUC   U CAGCAGCC   10949   GGCUGCU   CUGAUGAG   GCCGUUAGGC   CGAA TAGAUGGC   29323     5728   5301   GCCAUCUC   A GCAGCCC   10949   GUGGCUG   CUGAUGAG   GCCGUUAGGC   CGAA TAGAUGGC   29324     5732   5298   AUCUCAGC   A GCCACAC   10950   GUUGUGGC   CUGAUGAG   GCCGUUAGGC   CGAA TAGAUGGC   29325     5735   5295   UCAGCAGC   CACACCCU   10951   AGGGUUG   CUGAUGAG   GCCGUUAGGC   CGAA TCUGAGAU   29325     5736   5294   CAGCAGC   A ACCCUG   10952   CAGGGUU   CUGAUGAG   GCCGUUAGGC   CGAA TUGCUGA   29326     5738   5292   CCAGCCAC   A ACCCUG   10952   CAGGGUU   CUGAUGAG   GCCGUUAGGC   CGAA TUGCUGA   29327     5741   5289   GCCACAAC   CUGGUUGG   10953   ACCAGGGU   CUGAUGAG   GCCGUUAGGC   CGAA TUGCUGC   29327     5742   5288   CCACAACC   CUGGUUGGU   10955   ACCAACCA   CUGAUGAG   GCCGUUAGGC   CGAA TUGUGUG   29328     5743   5287   CACAACCC   UGGUUGGU   10956   ACCAACC   CUGAUGAG   GCCGUUAGGC   CGAA TUGUGUG   29331     5753   5277   GUUGGUGC   A GCCGUUU   10956   AACACCA   CUGAUGAG   GCCGUUAGGC   CGAA TUGUGCU   29334     5767   5263   GGCUGUC   A GCCAGCC   10957   GCCGUGCU   GCCGUUAGGC   CGAA TCACCAAC   29335     5767   5263   GGCUGUC   A GUCUUCU   10960   GAAGACU   CUGAUGAG   GCCGUUAGGC   CGAA TACAGCC   29335     5767   5254   CAGCCCC   A GCCCUUC   10960   GAAGACU   CUGAUGAG   GCCGUUAG						
S712   S318   GUCCUCUC A GUGCUUCA   10944   AUGGCUGA CUGAUGAG   GCCGUUAGGC   CGAA TAGAGGAC   29318	5708	5322				<del> </del>
5717         5313         CUCAGUGC U UCAGCCAU         10944         AUGGCUGA CUGAUGAG         CCGUUAGGC CAA ICACUGAG         29319           5720         5310         AGUGCUUC A GCCAUCUC         10945         GAGAUGGC CUGAUGAG         CGAA IAAGCACU         29320           5723         5307         GCUUCAGC C AUCUCAGCA         10946         GCUGAGAU CUGAUGAG         GCAA ICACUAGGC         CAA ICACUAGGC         CAACACAC         10947         UGCUGAGGA         GCGUUAGGC         CGAA ICACGAGC         C9321         5727         5303         CAGCACUCU C AGCAACCC         10948         GGCUGCUG         CUGAUGAG         CGAA IAGAUGC         29323         5729         5301         GCCAUCUC A GCACACAC         10949         GUGGCUGC         CUGAUGAG         CGAA IAGAUGC         29324         5732         5298         AUCUCAGC A GCACACAC         10950         GUUGUGGC         CUGAUGAG         GCCGUUAGGC         CGAA ICUGAGAU         29325         5735         5295         UCAGCAGC A CAACCCU         10951         AGGGUGU         CUGAUGAG         GCCGUUAGGC         CGAA ICUGAGAU         29325         5736         5294         CAGCACAC A CACCCU         10952         CAGGGUGU         CUGAUGAG         GCCGUUAGGC         CGAA ICUGCUG         29327         5738         5292         GCAGCACA C CUGGUUGU         10953 <t< td=""><td>5710</td><td>5320</td><td></td><td></td><td></td><td></td></t<>	5710	5320				
5720         5310         AGUGCUUC A GCCAUCUC         10945         GAGAUGGC CUGAUGAG         CUGAUGAG         COAA IAAGCACU         29320           5723         5307         GCUUCAGC C AUCUCAGC         10946         GCUGAGAU CUGAUGAG GCCGUUAGGC CGAA ICUGAAGC         29321           5724         5306         CUUCAGC A UCUCAGCA 10947         UGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IAUGGCG         29322           5727         5301         GCCAUCUC A GCACCC         10949         GUGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGCG         29324           5729         5301         GCCAUCUC A GCACCAC         10949         GUGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGCG         29324           5732         5298         AUCUCAGC A GCCACAC         10950         GUUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29326           5736         5294         CAGCAGCA C ACCCUGGU 10952         CAGGGUU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29327           5738         5292         GCAGCCAC A CACCCUGU 10953         ACCAACC CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC CGAA ICUGCUGA         29329           5742         5288         CCACAACC C UGGUUGU 10954         CCAACCAC CUGAUGAG GCCGUUAGGC CGAA IGUUGUGG CGAA ICACCAC CUGAUGAG GCCGUUAGGC CGAA ICACCAC CUGAUGAG G	5712	5318				
5723   5307   GCUUCAGC C AUCUCAGC   10946   GCUGAGAU CUGAUGAG   GCCGUUAGGC   GAA ICUGAAGC   29321	5717	5313	CUCAGUGC U UCAGCCAU	10944		
5724         5306         CUUCAGCC A UCUCAGCA         10947         UGCUGAGA CUGAUGAG         CUGAUGAG         CGAA IGCUGAGA         29322           5727         5303         CAGCCAUC U CAGCAGCC         10948         GGCUGCUG CUGAUGAG GCCGUUAGGC CAA IAUGGCUG         29323           5729         5301         GCCAUCUC A GCAGCCC         10949         GUGGCUGC CUGAUGAG GCCGUUAGGC CAA IAUGGCUG         29324           5732         5298         AUCUCAGC A GCCACAAC         10950         GUUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29326           5736         5294         CAGCAGCC A CAACCCU         10952         CAGGGUUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29327           5738         5292         GCAGCACA CACCUGGU 10953         ACCAGGGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCU         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCCA CUGAUGAG GCCGUUAGGC CGAA IGUUGUG         29329           5742         5288         CCACAACC U GUUUGUU         10955         ACCAACC CUGAUGAG GCCGUUAGGC CGAA IGUUGUG         29331           5753         5287         GUUGGUG A CGGCUGUU         10957         GCCGUUAGG GCCGUUAGGC CGAA ICACCAAC         29332	5720	5310	AGUGCUUC A GCCAUCUC	10945		<del></del>
5727         5303         CAGCCAUC U CAGCAGCC         10948         GGCUGCUG CUGAUGAG         GCCGUUAGGC         CGAA IAUGGCUG         29323           5729         5301         GCCAUCUC A GCAGCAC         10949         GUGGCUG CUGAUGAG         GCCGUUAGGC         CGAA IAGAUGGC         29324           5732         5298         AUCUCAGC A GCCACAC         10950         GUUGUGG CUGAUGAG         GCCGUUAGGC         CGAA ICUGACAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUG CUGAUGAG         GCCGUUAGGC         CGAA ICUGCUGA         29325           5736         5294         CAGCAGCC A CAACCCUG         10952         CAGGGUUG CUGAUGAG         GCCGUUAGGC         CGAA ICUGCUGA         29328           5738         5292         GCAGCACA C ACCCUGGU         10953         ACCAGGGU CUGAUGAG         GCCGUUAGGC         CGAA IUUGUGG         29329           5741         5289         GCCACAACC C UGGUUGGU         10955         ACCAACCA CUGAUGAG         GCCGUUAGGC         CGAA IUUGUGG         29329           5742         5288         CCACAACC U GGUUGGU         10955         ACCAACCA CUGAUGAG         GCCGUUAGGC         CGAA ICCACAAC         29331           5753         5287         GUUGGUG         10956         CACCAACC	5723	5307	GCUUCAGC C AUCUCAGC	10946		
5729         5301         GCCAUCUC A GCAGCCAC         10949         GUGGCUGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGGC         29324           5732         5298         AUCUCAGC A GCCACAAC         10950         GUUGUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA         29326           5736         5294         CAGCAGCC A CAACCCUG 10952         CAGGGUUG CUGAUGAG GCCGUUAGGC CGAA IGUGCUG         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC         29328           5742         5289         GCCACAAC C C UGGUUGG         10955         ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC         29329           5742         5288         CCACAACC C UGGUUGGU         10955         ACCACACC CUGAUGAG GCCGUUAGGC CGAA IUUGUGG         29330           5743         5287         CACAACCC U GGUUGGU         10956         CACCAACC CUGAUGAG GCCGUUAGGC CGAA ICACCAAC         29332           5753         5277         GUUGGUGC U AGCACGC         10957         GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC         29332           5762         5268         AGCACGGC U GUUCUCA GUGAGA CUGAUGAG GCCGUUAGGC CGAA IAACAGC         29334           5767         5263<	5724	5306	CUUCAGCC A UCUCAGCA	10947	UGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IGCUGAAG	29322
5732         5298         AUCUCAGC A GCCACAAC         10950         GUUGUGGC CUGAUGAG GCCGUUAGGC CAA ICUGAGAU         29325           5735         5295         UCAGCAGC C ACAACCCU         10951         AGGGUUGU CUGAUGAG GCCGUUAGGC CAA ICUGCUGA         29326           5736         5294         CAGCAGCC A CAACCCUG         10952         CAGGGUUG CUGAUGAG GCCGUUAGGC CAA IGCUGCUG         29327           5738         5292         GCAGCAC A ACCCUGGU 10953         ACCAGGGU CUGAUGAG GCCGUUAGGC CAA IUUGUGC         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCA CUGAUGAG GCCGUUAGGC CAA IUUGUGC         29329           5742         5288         CCACAACC C UGGUUGGU 10955         ACCAACCA CUGAUGAG GCCGUUAGGC CAA IGUUGUG         29331           5743         5287         CACAACCC U GGUUGGU 10956         CACCAAC C UGAUGAG GCCGUUAGGC CAA IGGUUGU         29331           5753         5277         GUUGUGG A GGCUGUU         10956         CACCAAC C UGAUGAG GCCGUUAGGC CAA ICACCAAC         29332           5762         5268         AGCACGGC U GUUCUCAG 10957         GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC         29333           5767         5263         GGCUGUUC U CAGUCUC 10959         CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICACCAAC         29334           5769         5261         CUGUUCUC A GUCUUCU 109	5727	5303	CAGCCAUC U CAGCAGCC	10948	GGCUGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGGCUG	29323
5735         5295         UCAGCAGC         C ACAACCCU         10951         AGGGUUGU         CUGAUGAG         GCCGUUAGGC         CGAA ICUGCUGA         29325           5736         5294         CAGCAGCC         A CAACCCUG         10952         CAGGGUUG         CUGAUGAG         GCCGUUAGGC         CGAA         ICUGCUG         29327           5738         5292         GCAGCACA         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         LUUGUGG         29328           5741         5289         GCCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         LUUGUGG         29330           5742         5288         CACAACCC         U GGUUGGU         10956         CACCAACC         CUGAUGAG         CGCGUUAGGC         CGAA         IGGUUGUG         29331           5753         5277         GUUGGUGC         A GGCCUGUU         10956         CACCAACC         CUGAUGAG         CCGCUUAGGC         CGAA         ICACCAAC         29333           5762         5268         AGCACGGC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         CCGUUAGGC         CGAA         ICCGUGCU         29333           5769 <td>5729</td> <td>5301</td> <td>GCCAUCUC A GCAGCCAC</td> <td>10949</td> <td></td> <td>29324</td>	5729	5301	GCCAUCUC A GCAGCCAC	10949		29324
5735         5295         UCAGCAGC         C ACAACCCU         10951         AGGGUUGU         CUGAUGAG         GCCGUUAGGC         CGAA         LCUGCUGA         29325           5736         5294         CAGCAGCC         A CAACCCUG         10952         CAGGGUUG         CUGAUGAG         GCCGUUAGGC         CGAA         LIUGCUGC         29327           5738         5292         GCAGCACA         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         GCCGUUAGGC         CGAA         LUIGGUGC         29328           5741         5289         GCCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         LUIUGUGG         29330           5742         5288         CACAACCC         U GUUGUGGU         10956         CACCAACC         CUGAUGAG         CCGAA         LIULUGGG         29331           5743         5287         CACAACCC         U GUUGUGG         10956         CACCAACC         CUGAUGAG         CCGAA         LGGUUGUG         29331           57573         5277         GUUGGUGC         A CGCCUGUU         10958         AACAGCCG         CUGAUGAG         GCCGUUAGGC         CGAA         LCACAAC         29333           5762         5268	5732	5298	AUCUCAGC A GCCACAAC	10950		29325
5736         5294         CAGCAGCC         A CAACCCUG         10952         CAGGGUUG         CUGAUGAG         CCGUUAGGC         CGA         IGCUGCUG         29327           5738         5292         GCAGCCAC         A ACCCUGGU         10953         ACCAGGGU         CUGAUGAG         CGAA         IUGGCUGC         29328           5741         5289         GCCACAACC         C UGGUUGG         10954         CCAACCAG         CUGAUGAG         CGCGUUAGGC         CGAA         IUUGUGGC         29329           5742         5288         CCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         CGCGUUAGGC         CGAA         IUUGUGG         29330           5743         5287         CACAACCC         U GGUUGGU         10956         CACCAACC         CUGAUGAG         CGAA         IGGUUGG         29331           5753         5277         GUUGGUGC         U AGCACGGC         10957         GCCGUGCU         CUGAUGAG         CGCGUUAGGC         CGAA         ICACCAAC         29332           5762         5268         AGCACGGC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         CGAA         ICCGUGCU         29334           5767         5263         GGCUGUUC         A GUC	5735		UCAGCAGC C ACAACCCU	10951	AGGGUUGU CUGAUGAG GCCGUUAGGC CGAA ICUGCUGA	29326
5738         5292         GCAGCCAC A ACCCUGGU         10953         ACCAGGGU CUGAUGAG         GCCGUUAGGC         CGAA IUGGCUGC         29328           5741         5289         GCCACAAC C CUGGUUGG         10954         CCAACCAG CUGAUGAG         GCCGUUAGGC         CGAA IUUGUGG         29329           5742         5288         CCACAACC C UGGUUGGU         10955         ACCAACCA CUGAUGAG         GCCGUUAGGC         CGAA IGUUGUG         29330           5743         5287         CACAACCC U GGUUGGU         10956         CACCAACC CUGAUGAG         GCCGUUAGGC         CGAA IGGUUGU         29331           5753         5277         GUUGGUGC U AGCACGGC         10957         GCCGUGCU CUGAUGAG         GCCGUUAGGC         CGAA ICACCAAC         29332           5762         5268         AGCACGGC U GUUCUAG         10958         AACAGCCC         CUGAUGAG         GCCGUUAGGC         CGAA ICACCAAC         29333           5762         5268         AGCACGGC U GUUCUAG         10959         CUGAGAACA CUGAUGAG         GCCGUUAGGC         CGAA IACAGAC         29334           5767         5263         GGCUGUUC U CAGUUCU         10960         GAAGACUG CUGAUGAG         CGCGUUAGGC         CGAA IACAGAC         29335           5769         5261         CUGUUCUC A GUUCUUCU         10961		<del> </del>	CAGCAGCC A CAACCCUG	10952		29327
5741         5289         GCCACAAC         C CUGGUUGG         10954         CCAACCAG         CUGAUGAG         GCCGUUAGGC         CGAA         IUUGUGGC         29329           5742         5288         CCACAACC         C UGGUUGGU         10955         ACCAACCA         CUGAUGAG         GCCGUUAGGC         CGAA         IGUUGUG         29330           5743         5287         CACAACCC         U GGUUGGU         10956         CACCAACC         CUGAUGAG         GCCGUUAGGC         CGAA         IGGUUGUG         29331           5753         5277         GUUGGUGC         U AGCACGGC         10957         GCCGUGCU         CUGAUGAG         GCCGUUAGGC         CGAA         ICACCAAC         29332           5757         5273         GUGCUAGC         A CGGCUGUU         10958         AACAGCCG         CUGAUGAG         GCCGUUAGGC         CGAA         ICAGACAC         29333           5762         5268         AGCACGCC         U GUUCUCAG         10959         CUGAGAAC         CUGAUGAG         CCGAA         ICCGUGCU         29334           5767         5263         GGCUGUUC         U CAGUCUC         10960         GAAGACUG         CUGAUGAG         GCCGUUAGGC         CGAA         IAACAGC         29335           5769			<del></del>	10953	ACCAGGGU CUGAUGAG GCCGUUAGGC CGAA IUGGCUGC	29328
5742         5288         CCACAACC C UGGUUGGU         10955         ACCAACCA CUGAUGAG GCCGUUAGGC         CGAA IGUUGUG         29330           5743         5287         CACAACC U GGUUGGUG         10956         CACCAACC CUGAUGAG GCCGUUAGGC         CGAA IGGUUGUG         29331           5753         5277         GUUGGUGC U AGCACGGC         10957         GCCGUGCU CUGAUGAG GCCGUUAGGC         CGAA ICACCAAC         29332           5757         5273         GUGCUAGC A CGGCUGUU         10958         AACAGCCG CUGAUGAG GCCGUUAGGC         CGAA ICUAGCAC         29333           5762         5268         AGCACGGC U GUUCUCAG         10959         CUGAGAAC CUGAUGAG GCCGUUAGGC         CGAA ICCGUGCU         29334           5767         5263         GGCUGUUC U CAGUCUC         10960         GAAGACUG CUGAUGAG GCCGUUAGGC         CGAA IAACAGC         29335           5769         5261         CUGUUCUC A GUCUUCUG         10961         CAGAAGAC CUGAUGAG GCCGUUAGGC         CGAA IAGAACAG         29336           5773         5257         UCUCAGUC U UUGGUUA         10962         UAAACAGA CUGAUGAG GCCGUUAGGC         CGAA IACUGAGA         29337           5776         5254         CAGUCUUC U GUUUAUGG         10963         CCAUAAAC CUGAUGAG GCCGUUAGGC         CGAA IACUGAGA         29338           5786 <td< td=""><td></td><td></td><td><u> </u></td><td>+</td><td>CCAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC</td><td>29329</td></td<>			<u> </u>	+	CCAACCAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGC	29329
5743 5287 CACAACCC U GGUUGGUG 10956 CACCAACC CUGAUGAG GCCGUUAGGC CGAA IGGUUGUG 29331 5753 5277 GUUGGUGC U AGCACGGC 10957 GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332 5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29333 5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACCGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA IACCUAAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5789 5241 AUGCCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACGCCAUAA 29340 5789 5241 AUGCCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29344 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCCUCC 29344				<del></del>		29330
5753 5277 GUUGGUGC U AGCACGGC 10957 GCCGUGCU CUGAUGAG GCCGUUAGGC CGAA ICACCAAC 29332 5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC 29333 5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IACAGCC 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACAGACAG 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IACAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA IACAGACUG 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IACGCAUA 29340 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGC 29344		<del></del>		<del></del>		29331
5757 5273 GUGCUAGC A CGGCUGUU 10958 AACAGCCG CUGAUGAG GCCGUUAGGC CGAA ICUAGCAC 29333 5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAACACCU 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA IACAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343		<del></del>	<del></del>	<del></del>		<del></del>
5762 5268 AGCACGGC U GUUCUCAG 10959 CUGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICCGUGCU 29334 5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGC 29344		<del></del>	<del></del>	<del> </del>		
5767 5263 GGCUGUUC U CAGUCUUC 10960 GAAGACUG CUGAUGAG GCCGUUAGGC CGAA IAACAGCC 29335 5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUAAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCCUCC 29344			<del>                                     </del>	<del></del>		
5769 5261 CUGUUCUC A GUCUUCUG 10961 CAGAAGAC CUGAUGAG GCCGUUAGGC CGAA IAGAACAG 29336 5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del>}</del>		<del></del>		<del> </del>
5773 5257 UCUCAGUC U UCUGUUUA 10962 UAAACAGA CUGAUGAG GCCGUUAGGC CGAA IACUGAGA 29337 5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGC 29344			<del></del>	<del></del>		
5776 5254 CAGUCUUC U GUUUAUGG 10963 CCAUAAAC CUGAUGAG GCCGUUAGGC CGAA IAAGACUG 29338 5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGC 29344		+		<del></del>		
5786 5244 UUUAUGGC C UCUUUGAU 10964 AUCAAAGA CUGAUGAG GCCGUUAGGC CGAA ICCAUAAA 29339 5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>		<del></del>		
5787 5243 UUAUGGCC U CUUUGAUG 10965 CAUCAAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAUAA 29340 5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>		<del></del>		<del></del>
5789 5241 AUGGCCUC U UUGAUGAU 10966 AUCAUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGCCAU 29341 5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344				-		+
5799 5231 UGAUGAUC U GUGGCAGA 10967 UCUGCCAC CUGAUGAG GCCGUUAGGC CGAA IAUCAUCA 29342 5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del> </del>	<del> </del>	+		
5805 5225 UCUGUGGC A GAAUCCUC 10968 GAGGAUUC CUGAUGAG GCCGUUAGGC CGAA ICCACAGA 29343 5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>				
5811 5219 GCAGAAUC C UCCUUGUU 10969 AACAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUUCUGC 29344		<del></del>				+
				<del></del>		
5812   5218   CAGAAUCC U CCUUGUUU   10970   AAACAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUUCUG   29345				+		+
	5812	5218	CAGAAUCC U CCUUGUUU	10970	AAACAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUUCUG	29345

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5814	5216	GAAUCCUC C UUGUUUUA	10971	UAAAACAA CUGAUGAG GCCGUUAGGC CGAA IAGGAUUC	29346
5815	5215	AAUCCUCC U UGUUUUAC	10972	GUAAAACA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU	29347
5824	5206	UGUUUUAC C GGCGCCGG	10973	CCGGCGCC CUGAUGAG GCCGUUAGGC CGAA IUAAAACA	29348
	5200	ACCGGCGC C GGGAUGGA	10974	UCCAUCCC CUGAUGAG GCCGUUAGGC CGAA ICGCCGGU	29349
5830		UGGAGAUC C AGUACAGU	10975	ACUGUACU CUGAUGAG GCCGUUAGGC CGAA IAUCUCCA	29350
5843	5187	GGAGAUCC A GUACAGUG	10976	CACUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUCUCC	29351
5844	5186		10977	CAGAUCAC CUGAUGAG GCCGUUAGGC CGAA IUACUGGA	29352
5849	5181	UCCAGUAC A GUGAUCUG			
5856	5174	CAGUGAUC U GUUUUUUC	10978	GAAAAAAC CUGAUGAG GCCGUUAGGC CGAA IAUCACUG	29353
5865	5165	GUUUUUUC C UCAGCAUC	10979	GAUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAAAC	29354
5866	5164	UUUUUUCC U CAGCAUCU	10980	AGAUGCUG CUGAUGAG GCCGUUAGGC CGAA IGAAAAAA	29355
5868	5162	UUUUCCUC A GCAUCUCA	10981	UGAGAUGC CUGAUGAG GCCGUUAGGC CGAA IAGGAAAA	29356
5871	5159	UCCUCAGC A UCUCAGGU	10982	ACCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUGAGGA	29357
5874	5156	UCAGCAUC U CAGGUUCG	10983	CGAACCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUGA	29358
5876	5154	AGCAUCUC A GGUUCGAA	10984	UUCGAACC CUGAUGAG GCCGUUAGGC CGAA IAGAUGCU	29359
5887	5143	UUCGAAUC C GGCUGGGA	10985	UCCCAGCC CUGAUGAG GCCGUUAGGC CGAA IAUUCGAA	29360
5891	5139	AAUCCGGC U GGGAUUGG	10986	CCAAUCCC CUGAUGAG GCCGUUAGGC CGAA ICCGGAUU	29361
5901	5129	GGAUUGGC U CAUCCAUC	10987	GAUGGAUG CUGAUGAG GCCGUUAGGC CGAA ICCAAUCC	29362
5903	5127	AUUGGCUC A UCCAUCCU	10988	AGGAUGGA CUGAUGAG GCCGUUAGGC CGAA IAGCCAAU	29363
5906	5124	GGCUCAUC C AUCCUUUC	10989	GAAAGGAU CUGAUGAG GCCGUUAGGC CGAA IAUGAGCC	29364
5907	5123	GCUCAUCC A UCCUUUCA	10990	UGAAAGGA CUGAUGAG GCCGUUAGGC CGAA IGAUGAGC	29365
5910	5120	CAUCCAUC C UUUCACCC	10991	GGGUGAAA CUGAUGAG GCCGUUAGGC CGAA IAUGGAUG	29366
5911	5119	AUCCAUCC U UUCACCCU	10992	AGGGUGAA CUGAUGAG GCCGUUAGGC CGAA IGAUGGAU	29367
5915	5115	AUCCUUUC A CCCUGCAC	10993	GUGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAAGGAU	29368
5917	5113	CCUUUCAC C CUGCACUA	10994	UAGUGCAG CUGAUGAG GCCGUUAGGC CGAA IUGAAAGG	29369
5918	5112	CUUUCACC C UGCACUAU	10995	AUAGUGCA CUGAUGAG GCCGUUAGGC CGAA IGUGAAAG	29370
5919	5111	UUUCACCC U GCACUAUC	10996	GAUAGUGC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAA	29371
5922	5108	CACCCUGC A CUAUCGCG	10997	CGCGAUAG CUGAUGAG GCCGUUAGGC CGAA ICAGGGUG	29372
5924	5106	CCCUGCAC U AUCGCGCU	10998	AGCGCGAU CUGAUGAG GCCGUUAGGC CGAA IUGCAGGG	29373
5932	5098	UAUCGCGC U UAUGUAUG	10999	CAUACAUA CUGAUGAG GCCGUUAGGC CGAA ICGCGAUA	29374
5944	5086	GUAUGAGC C GUUGGGCA	11000	UGCCCAAC CUGAUGAG GCCGUUAGGC CGAA ICUCAUAC	29375
5952	5078	CGUUGGGC A UUAUGACU	11001	AGUCAUAA CUGAUGAG GCCGUUAGGC CGAA ICCCAACG	29376
5960	5070	AUUAUGAC U CCAUUGCC	11002	GGCAAUGG CUGAUGAG GCCGUUAGGC CGAA IUCAUAAU	29377
5962	5068	UAUGACUC C AUUGCCAU	11003	AUGGCAAU CUGAUGAG GCCGUUAGGC CGAA IAGUCAUA	29378
5963	5067	AUGACUCC A UUGCCAUA	11004	UAUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUCAU	29379
5968	5062	UCCAUUGC C AUAAAGCC	11005	GGCUUUAU CUGAUGAG GCCGUUAGGC CGAA ICAAUGGA	29380
5969	5061	CCAUUGCC A UAAAGCCC	11006	GGGCUUUA CUGAUGAG GCCGUUAGGC CGAA IGCAAUGG	29381
5976	5054	CAUAAAGC C CAAUCACA	11007	UGUGAUUG CUGAUGAG GCCGUUAGGC CGAA ICUUUAUG	29382
5977	5053	AUAAAGCC C AAUCACAU	11008	AUGUGAUU CUGAUGAG GCCGUUAGGC CGAA IGCUUUAU	29383
5978	5052	UAAAGCCC A AUCACAUC	11009	GAUGUGAU CUGAUGAG GCCGUUAGGC CGAA IGGCUUUA	29384
		GCCCAAUC A CAUCACCG	11010	CGGUGAUG CUGAUGAG GCCGUUAGGC CGAA IAUUGGGC	29385
5982	5048	CCAAUCAC A UCACCGUU	11010	AACGGUGA CUGAUGAG GCCGUUAGGC CGAA IUGAUUGG	29386
5984	5046	l	11011	AAAAACGG CUGAUGAG GCCGUUAGGC CGAA IAUGUGAU	29387
5987	5043	AUCACAUC A CCGUUUUU			29388
5989		CACAUCAC C GUUUUUGU			
5999	5031	UUUUUGUC C ACUAUUGG	<del></del>		29389
6000	5030	UUUUGUCC A CUAUUGGU		ACCAAUAG CUGAUGAG GCCGUUAGGC CGAA IGACAAAA	29390
6002	5028	UUGUCCAC U AUUGGUGA	11016	UCACCAAU CUGAUGAG GCCGUUAGGC CGAA IUGGACAA	29391
6013	5017	UGGUGAGC C UGAUGUUC		GAACAUCA CUGAUGAG GCCGUUAGGC CGAA ICUCACCA	29392
6014	5016	GGUGAGCC U GAUGUUCC		GGAACAUC CUGAUGAG GCCGUUAGGC CGAA IGCUCACC	29393
6022	5008	UGAUGUUC C AGUGGGGA	11019	UCCCCACU CUGAUGAG GCCGUUAGGC CGAA IAACAUCA	29394
6023	5007	GAUGUUCC A GUGGGGAA	11020	UUCCCCAC CUGAUGAG GCCGUUAGGC CGAA IGAACAUC	29395
6035	4995	GGGAAGUC C AAAGUCAC	<del></del>	GUGACUUU CUGAUGAG GCCGUUAGGC CGAA IACUUCCC	29396
6036	4994	GGAAGUCC A AAGUCACG		CGUGACUU CUGAUGAG GCCGUUAGGC CGAA IGACUUCC	29397
6042	4988	CCAAAGUC A CGGCCCCG	11023	CGGGGCCG CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	29398
6047	4983	GUCACGGC C CCGAUUUC	11024	GAAAUCGG CUGAUGAG GCCGUUAGGC CGAA ICCGUGAC	29399
6048	4982	UCACGGCC C CGAUUUCU	11025	AGAAAUCG CUGAUGAG GCCGUUAGGC CGAA IGCCGUGA	29400
6049	4981	CACGGCCC C GAUUUCUC	11026	GAGAAAUC CUGAUGAG GCCGUUAGGC CGAA IGGCCGUG	29401
6056	4974	CCGAUUUC U CCUUCAGG	11027	CCUGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAAUCGG	29402
6058	4972	GAUUUCUC C UUCAGGUG	11028	CACCUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAAUC	29403
6059	4971	AUUUCUCC U UCAGGUGU	11029	ACACCUGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAAU	29404
6062	4968	UCUCCUUC A GGUGUUUU	11030	AAAACACC CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29405
6075	4955	UUUUGAAC A CCCCUGGU	11031	ACCAGGGG CUGAUGAG GCCGUUAGGC CGAA IUUCAAAA	29406
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				Table IX	
6077	4953	UUGAACAC C CCUGGUUU	11032	AAACCAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAA	29407
6078	4952	UGAACACC C CUGGUUUC	11033	GAAACCAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	29408
6079	4951	GAACACCC C UGGUUUCG	11034	CGAAACCA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	29409
6080	4950	AACACCCC U GGUUUCGU	11035	ACGAAACC CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	29410
6090	4940	GUUUCGUC U GGACGUUC	11036	GAACGUCC CUGAUGAG GCCGUUAGGC CGAA IACGAAAC	29411
	4931	GGACGUUC U UAACGUUC	11037	GAACGUUA CUGAUGAG GCCGUUAGGC CGAA IAACGUCC	29412
6099		UAACGUUC U UGCCAGGU	11038	ACCUGGCA CUGAUGAG GCCGUUAGGC CGAA IAACGUUA	29413
6108	4922	GUUCUUGC C AGGUUCCA	11039	UGGAACCU CUGAUGAG GCCGUUAGGC CGAA ICAAGAAC	29414
6112	4918	UUCUUGCC A GGUUCCAC	11040	GUGGAACC CUGAUGAG GCCGUUAGGC CGAA IGCAAGAA	29415
6113	4917			AUUGUGGU CUGAUGAG GCCGUUAGGC CGAA IAACCUGG	29416
6119	4911	CCAGGUUC C ACCACAAU	11041	GAUUGUGG CUGAUGAG GCCGUUAGGC CGAA IGAACCUG	29417
6120	4910	CAGGUUCC A CCACAAUC	11042	AUGAUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAACC	29418
6122	4908	GGUUCCAC C ACAAUCAU	11043		29419
6123	4907	GUUCCACC A CAAUCAUC	11044		
6125	4905	UCCACCAC A AUCAUCUG	11045	CAGAUGAU CUGAUGAG GCCGUUAGGC CGAA IUGGUGGA	29420
6129	4901	CCACAAUC A UCUGCACC	11046	GGUGCAGA CUGAUGAG GCCGUUAGGC CGAA IAUUGUGG	29421
6132	4898	CAAUCAUC U GCACCUCA	11047	UGAGGUGC CUGAUGAG GCCGUUAGGC CGAA IAUGAUUG	29422
6135	4895	UCAUCUGC A CCUCAUCC	11048	GGAUGAGG CUGAUGAG GCCGUUAGGC CGAA ICAGAUGA	29423
6137	4893	AUCUGCAC C UCAUCCUG	11049	CAGGAUGA CUGAUGAG GCCGUUAGGC CGAA IUGCAGAU	29424
6138	4892	UCUGCACC U CAUCCUGC	11050	GCAGGAUG CUGAUGAG GCCGUUAGGC CGAA IGUGCAGA	29425
6140	4890	UGCACCUC A UCCUGCCC	11051	GGGCAGGA CUGAUGAG GCCGUUAGGC CGAA IAGGUGCA	29426
6143	4887	ACCUCAUC C UGCCCGUU	11052	AACGGGCA CUGAUGAG GCCGUUAGGC CGAA IAUGAGGU	29427
6144	4886	CCUCAUCC U GCCCGUUC	11053	GAACGGGC CUGAUGAG GCCGUUAGGC CGAA IGAUGAGG	29428
6147	4883	CAUCCUGC C CGUUCCAC	11054	GUGGAACG CUGAUGAG GCCGUUAGGC CGAA ICAGGAUG	29429
6148	4882	AUCCUGCC C GUUCCACU	11055	AGUGGAAC CUGAUGAG GCCGUUAGGC CGAA IGCAGGAU	29430
6153	4877	GCCCGUUC C ACUUGUGC	11056	GCACAAGU CUGAUGAG GCCGUUAGGC CGAA IAACGGGC	29431
6154	4876	CCCGUUCC A CUUGUGCU	11057	AGCACAAG CUGAUGAG GCCGUUAGGC CGAA IGAACGGG	29432
6156	4874	CGUUCCAC U UGUGCUGC	11058	GCAGCACA CUGAUGAG GCCGUUAGGC CGAA IUGGAACG	29433
6162	4868	ACUUGUGC U GCAAUUUC	11059	GAAAUUGC CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	29434
6165	4865	UGUGCUGC A AUUUCCAG	11060	CUGGAAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCACA	29435
6171	4859	GCAAUUUC C AGGGUCCU	11061	AGGACCCU CUGAUGAG GCCGUUAGGC CGAA IAAAUUGC	29436
6172	4858	CAAUUUCC A GGGUCCUC	11062	GAGGACCC CUGAUGAG GCCGUUAGGC CGAA IGAAAUUG	29437
6178	4852	CCAGGGUC C UCCGUAAC	11063	GUUACGGA CUGAUGAG GCCGUUAGGC CGAA IACCCUGG	29438
6179	4851	CAGGGUCC U CCGUAACA	11064	UGUUACGG CUGAUGAG GCCGUUAGGC CGAA IGACCCUG	29439
6181	4849	GGGUCCUC C GUAACAAA	11065	UUUGUUAC CUGAUGAG GCCGUUAGGC CGAA IAGGACCC	29440
6187	4843	UCCGUAAC A AAGUCGAU	11066	AUCGACUU CUGAUGAG GCCGUUAGGC CGAA IUUACGGA	29441
6197	4833	AGUCGAUC C UCCUUGAC	11067	GUCAAGGA CUGAUGAG GCCGUUAGGC CGAA IAUCGACU	29442
6198	4832	GUCGAUCC U CCUUGACA	11068	UGUCAAGG CUGAUGAG GCCGUUAGGC CGAA IGAUCGAC	29443
6200	4830	CGAUCCUC C UUGACACU	11069	AGUGUCAA CUGAUGAG GCCGUUAGGC CGAA IAGGAUCG	29444
6201	4829	GAUCCUCC U UGACACUG	11070	CAGUGUCA CUGAUGAG GCCGUUAGGC CGAA IGAGGAUC	29445
6206	4824	UCCUUGAC A CUGCCCCA	11071	UGGGGCAG CUGAUGAG GCCGUUAGGC CGAA IUCAAGGA	29446
		CUUGACAC U GCCCCAGU	11072	ACUGGGGC CUGAUGAG GCCGUUAGGC CGAA IUGUCAAG	29447
6208 6211	4822	GACACUGC C CCAGUAUG	11072	CAUACUGG CUGAUGAG GCCGUUAGGC CGAA ICAGUGUC	29448
	4819		11073	CCAUACUG CUGAUGAG GCCGUUAGGC CGAA ICAGUGU	29449
6212	4818	ACACUGCC C ACUAUGG		CCCAUACU CUGAUGAG GCCGUUAGGC CGAA IGCAGUG	29450
6213	4817	CACUGCCC C AGUAUGGG	11075	ACCCAUACO CUGAUGAG GCCGUUAGGC CGAA IGGGCAGU	29451
6214	4816	ACUGCCCC A GUAUGGGU	11076	GCCGCCU CUGAUGAG GCCGUUAGGC CGAA IACCCAUA	+
6224	4806	UAUGGGUC C AGGCGGCC	11077		29452
6225	4805	AUGGGUCC A GGCGGCCC	11078	GGGCCGCC CUGAUGAG GCCGUUAGGC CGAA IGACCCAU	
6232	4798	CAGGCGGC C CUCUCCGC	11079	GCGGAGAG CUGAUGAG GCCGUUAGGC CGAA ICCCCCCU	29454
6233	4797	AGGCGGCC C UCUCCGCU	11080	AGCGGAGA CUGAUGAG GCCGUUAGGC CGAA IGCCGCCU	29455
6234	4796	GGCGGCCC U CUCCGCUC	11081	GAGCGGAG CUGAUGAG GCCGUUAGGC CGAA IGGCCGCC	29456
6236	4794	CGGCCCUC U CCGCUCAU	11082	AUGAGCGG CUGAUGAG GCCGUUAGGC CGAA IAGGGCCG	29457
6238	4792	GCCCUCUC C GCUCAUCA	11083	UGAUGAGC CUGAUGAG GCCGUUAGGC CGAA IAGAGGGC	29458
6241	4789	CUCUCCGC U CAUCAAAG	11084	CUUUGAUG CUGAUGAG GCCGUUAGGC CGAA ICGGAGAG	29459
6243	4787	CUCCGCUC A UCAAAGCG	11085	CGCUUUGA CUGAUGAG GCCGUUAGGC CGAA IAGCGGAG	29460
6246	4784	CGCUCAUC A AAGCGGCU	11086		29461
6254	4776	AAAGCGGC U CCUUUUGU	11087	ACAAAAGG CUGAUGAG GCCGUUAGGC CGAA ICCGCUUU	29462
6256	4774	AGCGGCUC C UUUUGUUG	11088	CAACAAAA CUGAUGAG GCCGUUAGGC CGAA IAGCCGCU	29463
6257	4773	GCGCUCC U UUUGUUGU	11089	ACAACAAA CUGAUGAG GCCGUUAGGC CGAA IGAGCCGC	29464
6270	4760	UUGUAUGC C AAAGGGUG	11090	CACCCUUU CUGAUGAG GCCGUUAGGC CGAA ICAUACAA	2,9465
6271	4759	UGUAUGCC A AAGGGUGU	11091	ACACCCUU CUGAUGAG GCCGUUAGGC CGAA IGCAUACA	29466
6287	4743	UGGAAAAC A CCUUCAAC	11092	GUUGAAGG CUGAUGAG GCCGUUAGGC CGAA IUUUUCCA	29467

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		Table

6000	4741	GAAAACAC C UUCAACCA	11093	UGGUUGAA CUGAUGAG GCCGUUAGGC CGAA IUGUUUUC	29468
6289	4741 4740	AAAACACC U UCAACCAU	11094	AUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUGUUUU	29469
6290	4737	ACACCUUC A ACCAUCAC	11095	GUGAUGGU CUGAUGAG GCCGUUAGGC CGAA IAAGGUGU	29470
6293		CCUUCAAC C AUCACGCC	11096	GGCGUGAU CUGAUGAG GCCGUUAGGC CGAA IUUGAAGG	29471
6296	4734	CUUCAACC A UCACGCCC	11097	GGGCGUGA CUGAUGAG GCCGUUAGGC CGAA IGUUGAAG	29472
6297	4733 4730	CAACCAUC A CGCCCGCU	11098	AGCGGGCG CUGAUGAG GCCGUUAGGC CGAA IAUGGUUG	29473
6300	4736	CAUCACGC C CGCUCCUG	11099	CAGGAGCG CUGAUGAG GCCGUUAGGC CGAA ICGUGAUG	29474
6304		AUCACGCC C GCUCCUGC	11100	GCAGGAGC CUGAUGAG GCCGUUAGGC CGAA IGCGUGAU	29475
6305	4725 4722	ACGCCCGC U CCUGCUUG	11101	CAAGCAGG CUGAUGAG GCCGUUAGGC CGAA ICGGGCGU	29476
6308	4720	GCCCGCUC C UGCUUGAU	11102	AUCAAGCA CUGAUGAG GCCGUUAGGC CGAA IAGCGGGC	29477
6310	4719	CCCGCUCC U GCUUGAUA	11103	UAUCAAGC CUGAUGAG GCCGUUAGGC CGAA IGAGCGGG	29478
6311	4716	GCUCCUGC U UGAUAACU	11104	AGUUAUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGAGC	29479
6314	4708	UUGAUAAC U GCCGAGCA	11105	UGCUCGGC CUGAUGAG GCCGUUAGGC CGAA IUUAUCAA	29480
	4705	AUAACUGC C GAGCAGCC	11106	GGCUGCUC CUGAUGAG GCCGUUAGGC CGAA ICAGUUAU	29481
6325		UGCCGAGC A GCCCACGA	11107	UCGUGGGC CUGAUGAG GCCGUUAGGC CGAA ICUCGGCA	29482
6330	4700	CGAGCAGC C CACGAGUC	11107	GACUCGUG CUGAUGAG GCCGUUAGGC CGAA ICUGCUCG	29483
6333	4697	GAGCAGC C CACGAGUCA	11108	UGACUCGU CUGAUGAG GCCGUUAGGC CGAA IGCUGCUC	29484
6334	4696		11110	AUGACUCG CUGAUGAG GCCGUUAGGC CGAA IGGCUGCU	29485
6335	4695	CACGAGUC A UGAUCCUG	11111	CAGGAUCA CUGAUGAG GCCGUUAGGC CGAA IACUCGUG	29486
6342	4688	UCAUGAUC C UGUAGACG	11112	CGUCUACA CUGAUGAG GCCGUUAGGC CGAA IAUCAUGA	29487
6348	4682	CAUGAUCC U GUAGACGC	11112	GCGUCUAC CUGAUGAG GCCGUUAGGC CGAA IGAUCAUG	29488
6349	4681	GUAGACGC C GGUGGUCG	11114	CGACCACC CUGAUGAG GCCGUUAGGC CGAA ICGUCUAC	29489
6358	4672	GUCGUGUC C CCCUUUUU	11115	AAAAAGGG CUGAUGAG GCCGUUAGGC CGAA IACACGAC	29490
6371	4659		11116	CAAAAAGG CUGAUGAG GCCGUUAGGC CGAA IGACACGA	29491
6372	4658	UCGUGUCC C CCUUUUUG	11117	ACAAAAAG CUGAUGAG GCCGUUAGGC CGAA IGGACACG	29492
6373	4657	CGUGUCCC C CUUUUUGU		UACAAAAA CUGAUGAG GCCGUUAGGC CGAA IGGGACAC	29493
6374	4656	GUGUCCCC C UUUUUGUA	11118	GUACAAAA CUGAUGAG GCCGUUAGGC CGAA IGGGGACA	29494
6375	4655	UGUCCCCC U UUUUGUAC	11119	ACCAAAGG CUGAUGAG GCCGUUAGGC CGAA IUACAAAA	29495
6384	4646	UUUUGUAC U CCUUUGGU	11120	UCACCAAA CUGAUGAG GCCGUUAGGC CGAA IAGUACAA	29496
6386	4644	UUGUACUC C UUUGGUGA	11121	CUCACCAA CUGAUGAG GCCGUUAGGC CGAA IGAGUACA	29497
6387	4643	UGUACUCC U UUGGUGAG	11122	GUGUUGUG CUGAUGAG GCCGUUAGGC CGAA IACACUCC	29498
6404	4626	GGAGUGUC C CACAACAC	11123	CGUGUUGU CUGAUGAG GCCGUUAGGC CGAA IGACACUC	29499
6405	4625	GAGUGUCC C ACAACACG	11124	GCGUGUUG CUGAUGAG GCCGUUAGGC CGAA IGGACACU	29500
6406	4624	AGUGUCCC A CAACACGC		AGGCGUGU CUGAUGAG GCCGUUAGGC CGAA IUGGGACA	29501
6408	4622	UGUCCCAC A ACACGCCU	11126	AGGAGGCG CUGAUGAG GCCGUUAGGC CGAA IUUGUGGG	29502
6411	4619	CCCACAAC A CGCCUCCU	11128	AGAGAGGA CUGAUGAG GCCGUUAGGC CGAA ICGUGUUG	29503
6415	4615	CAACACGC C UCCUCUCU	11128	ANGAGAGG CUGAUGAG GCCGUUAGGC CGAA IGCGUGUU	29504
6416	4614	AACACGCC U CCUCUCUU	11130	CAAAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGCGUG	29505
6418	4612	ACGCCUC U CUCUUUGU	11130	ACAAAGAG CUGAUGAG GCCGUUAGGC CGAA IGAGGCGU	29506
6419	4611			ACACAAAG CUGAUGAG GCCGUUAGGC CGAA IAGGAGGC	29507
6421	4609	GCCUCCUC U CUUUGUGU	11132	AUACACAA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAG	29508
6423	4607	CUCCUCUC U UUGUGUAU	11133	UGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUAACUC	29509
6444	4586	GAGUUAUC C AAAAUCCA	11134	UUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUAACU	29510
6445	4585	AGUUAUCC A AAAUCCAA	11136	CAGUAGUU CUGAUGAG GCCGUUAGGC CGAA IAUUUUGG	29511
6451	4579	CCAAAAUC C AACUACUG CAAAAUCC A ACUACUGA	11136	UCAGUAGU CUGAUGAG GCCGUUAGGC CGAA IAOUUUUG	29512
6452	4578	AAUCCAAC U ACUGAGGG	11137	CCCUCAGU CUGAUGAG GCCGUUAGGC CGAA IUUGGAUU	29512
6455	4575	CCAACUAC U GAGGGCAA	11139		29514
6458	4572	CUGAGGGC A AGAUUGCC	111140	GGCAAUCU CUGAUGAG GCCGUUAGGC CGAA ICCCUCAG	29515
6465	4565	AAGAUUGC C CAGGGGGU	11141	ACCCCCUG CUGAUGAG GCCGUUAGGC CGAA ICAAUCUU	29516
6473	<del></del>	AGAUUGCC C AGGGGGUG	11142	CACCCCCU CUGAUGAG GCCGUUAGGC CGAA IGCAAUCU	29517
6474	4556	GAUUGCCC A GGGGGUGU	11142	ACACCCCC CUGAUGAG GCCGUUAGGC CGAA IGGCAAUC	29518
6488	4555 4542	GUGUACGC A CUAAUCGC	11144	GCGAUUAG CUGAUGAG GCCGUUAGGC CGAA ICGUACAC	29519
6490	4542	GUACGCAC U AAUCGCGA	11144	UCGCGAUU CUGAUGAG GCCGUUAGGC CGAA TUGCGUAC	29520
6502	4528	CGCGAGAC A GACCAUUC	11146	GAAUGGUC CUGAUGAG GCCGUUAGGC CGAA IUCUCGCG	29521
6506	4524	AGACAGAC C AUUCUGAG	11147		29522
6507	4524	GACAGACC A UUCUGAGC	11148	GCUCAGAA CUGAUGAG GCCGUUAGGC CGAA IGUCUGUC	29523
6511	4519	GACCAUUC U GAGCAUCC	11149	GGAUGCUC CUGAUGAG GCCGUUAGGC CGAA IAAUGGUC	29524
6516	4514	UUCUGAGC A UCCAUAUC	111150	GAUAUGGA CUGAUGAG GCCGUUAGGC CGAA ICUCAGAA	29525
6519	4514	UGAGCAUC C AUAUCUUC	11151	GAGAUAU CUGAUGAG GCCGUUAGGC CGAA IAUGCUCA	29526
6520	4511	GAGCAUCC A UAUCUUCC	11152		29527
	+	UCCAUAUC U UCCAAGGU	11153	ACCUUGGA CUGAUGAG GCCGUUAGGC CGAA IAUAUGGA	29528
6525	4505	DECADAGE D DECAMBED	1 11123	MCCOOGER COGNOGER GCCGOORGGC CGM INDROGER	23326

	Table

6528	4502	AUAUCUUC C AAGGUGCU	11154	AGCACCUU CUGAUGAG GCCGUUAGGC CGAA IAAGAUAU	29529
6529	4501	UAUCUUCC A AGGUGCUC	11155	GAGCACCU CUGAUGAG GCCGUUAGGC CGAA IGAAGAUA	29530
	4494	CAAGGUGC U CCUGGAUC	11156	GAUCCAGG CUGAUGAG GCCGUUAGGC CGAA ICACCUUG	29531
6536	4492	AGGUGCUC C UGGAUCAU	11157	AUGAUCCA CUGAUGAG GCCGUUAGGC CGAA IAGCACCU	29532
6538		GGUGCUCC U GGAUCAUU	11158	AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IGAGCACC	29533
6539	4491	CCUGGAUC A UUCAUGAG	11159	CUCAUGAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGG	29534
6545	4485		11160	CCAGCUCA CUGAUGAG GCCGUUAGGC CGAA IAAUGAUC	29535
6549	4481	GAUCAUUC A UGAGCUGG		AAACUUCC CUGAUGAG GCCGUUAGGC CGAA ICUCAUGA	29536
6555	4475	UCAUGAGC U GGAAGUUU	11161	AUGAUGAU CUGAUGAG GCCGUUAGGC CGAA IAAACUUC	29537
6565	4465	GAAGUUUC C AUCAUCAU	11162	GAUGAUGA CUGAUGAG GCCGUUAGGC CGAA IGAAACUU	29538
6566	4464	AAGUUUCC A UCAUCAUC	11163		
6569	4461	UUUCCAUC A UCAUCAAG	11164	CUUGAUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGAAA	29539
6572	4458	CCAUCAUC A UCAAGCCG	11165	CGGCUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGAUGG	29540
6575	4455	UCAUCAUC A AGCCGCAC	11166	GUGCGGCU CUGAUGAG GCCGUUAGGC CGAA IAUGAUGA	29541
6579	4451	CAUCAAGC C GCACAUCA	11167	UGAUGUGC CUGAUGAG GCCGUUAGGC CGAA ICUUGAUG	29542
6582	4448	CAAGCCGC A CAUCAACU	11168	AGUUGAUG CUGAUGAG GCCGUUAGGC CGAA ICGGCUUG	29543
6584	4446	AGCCGCAC A UCAACUCU	11169	AGAGUUGA CUGAUGAG GCCGUUAGGC CGAA IUGCGGCU	29544
6587	4443	CGCACAUC A ACUCUUUC	11170	GAAAGAGU CUGAUGAG GCCGUUAGGC CGAA IAUGUGCG	29545
6590	4440	ACAUCAAC U CUUUCGCU	11171	AGCGAAAG CUGAUGAG GCCGUUAGGC CGAA IUUGAUGU	29546
6592	4438	AUCAACUC U UUCGCUCG	11172	CGAGCGAA CUGAUGAG GCCGUUAGGC CGAA IAGUUGAU	29547
6598	4432	UCUUUCGC U CGAGCCUG	11173	CAGGCUCG CUGAUGAG GCCGUUAGGC CGAA ICGAAAGA	29548
6604	4426	GCUCGAGC C UGUAAUUU	11174	AAAUUACA CUGAUGAG GCCGUUAGGC CGAA ICUCGAGC	29549
6605	4425	CUCGAGCC U GUAAUUUC	11175	GAAAUUAC CUGAUGAG GCCGUUAGGC CGAA IGCUCGAG	29550
6614	4416	GUAAUUUC U GCAUCACU	11176	AGUGAUGC CUGAUGAG GCCGUUAGGC CGAA IAAAUUAC	29551
6617	4413	AUUUCUGC A UCACUUUC	11177	GAAAGUGA CUGAUGAG GCCGUUAGGC CGAA ICAGAAAU	29552
6620	4410	UCUGCAUC A CUUUCCCA	11178	UGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IAUGCAGA	29553
6622	4408	UGCAUCAC U UUCCCAGG	11179	CCUGGGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGCA	29554
6626	4404	UCACUUUC C CAGGAAAU	11180	AUUUCCUG CUGAUGAG GCCGUUAGGC CGAA IAAAGUGA	29555
6627	4403	CACUUUCC C AGGAAAUG	11181	CAUUUCCU CUGAUGAG GCCGUUAGGC CGAA IGAAAGUG	29556
6628	4402	ACUUUCCC A GGAAAUGU	11182	ACAUUUCC CUGAUGAG GCCGUUAGGC CGAA IGGAAAGU	29557
6638	4392	GAAAUGUC C GCCGUUCU	11183	AGAACGGC CUGAUGAG GCCGUUAGGC CGAA IACAUUUC	29558
6641	4389	AUGUCCGC C GUUCUCUC	11184	GAGAGAAC CUGAUGAG GCCGUUAGGC CGAA ICGGACAU	29559
6646	4384	CGCCGUUC U CUCAAUCC	11185	GGAUUGAG CUGAUGAG GCCGUUAGGC CGAA IAACGGCG	29560
6648	4382	CCGUUCUC U CAAUCCAC	11186	GUGGAUUG CUGAUGAG GCCGUUAGGC CGAA IAGAACGG	29561
6650	4380	GUUCUCUC A AUCCACAU	11187	AUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGAAC	29562
6654	4376	UCUCAAUC C ACAUAUCU	11188	AGAUAUGU CUGAUGAG GCCGUUAGGC CGAA IAUUGAGA	29563
6655	4375.	CUCAAUCC A CAUAUCUG	11189	CAGAUAUG CUGAUGAG GCCGUUAGGC CGAA IGAUUGAG	29564
6657	4373	CAAUCCAC A UAUCUGUU	11190	AACAGAUA CUGAUGAG GCCGUUAGGC CGAA IUGGAUUG	29565
6662	4368	CACAUAUC U GUUGAUUU	11191	AAAUCAAC CUGAUGAG GCCGUUAGGC CGAA IAUAUGUG	29566
6672	4358	UUGAUUUC C CAGAAAUC	11192	GAUUUCUG CUGAUGAG GCCGUUAGGC CGAA IAAAUCAA	29567
6673	4357	UGAUUUCC C AGAAAUCA	11193	UGAUUUCU CUGAUGAG GCCGUUAGGC CGAA IGAAAUCA	29568
6674	4356	GAUUUCCC A GAAAUCAC	11194	GUGAUUUC CUGAUGAG GCCGUUAGGC CGAA IGGAAAUC	29569
6681	4349	CAGAAAUC A CGAAAGCA	11195	UGCUUUCG CUGAUGAG GCCGUUAGGC CGAA IAUUUCUG	29570
6689	4341	ACGAAAGC A GCAAACAU	11196	AUGUUUGC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGU	29571
6692	4341	AAAGCAGC A AACAUGAG	11197		29572
6696	4334	CAGCAAAC A UGAGCCCC	11198	GGGGCUCA CUGAUGAG GCCGUUAGGC CGAA IUUUGCUG	29573
<del></del>		ACAUGAGC C CCGCGAUA	11199	UAUCGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAUGU	29574
6702	4328	CAUGAGCC C CCGCGAUAG	11200	CUAUCGCG CUGAUGAG GCCGUUAGGC CGAA IGCUCAUG	29575
6703	4327	AUGAGCCC C CGCGAUAGU	11200	ACUAUCGC CUGAUGAG GCCGUUAGGC CGAA IGCUCAU	29576
6704	4326			CAUUCCAA CUGAUGAG GCCGUUAGGC CGAA IACUAUCG	29577
6714	4316	CGAUAGUC A UUGGAAUG	11202	GACUCCAU CUGAUGAG GCCGUUAGGC CGAA ICCAUUCC	29578
6725	4305	GGAAUGGC C AUGGAGUC	11203		
6726	4304	GAAUGGCC A UGGAGUCA	11204	UGACUCCA CUGAUGAG GCCGUUAGGC CGAA IGCCAUUC	29579
6734	4296	AUGGAGUC A AUGUCAAG	11205		29580
6740	4290	UCAAUGUC A AGCUCUGC	11206	GCAGAGCU CUGAUGAG GCCGUUAGGC CGAA IACAUUGA	29581
6744	4286	UGUCAAGC U CUGCCAGC	11207		29582
6746	4284	UCAAGCUC U GCCAGCCC	11208	GGGCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUUGA	29583
6749	4281	AGCUCUGC C AGCCCUCC	11209		29584
6750	4280	GCUCUGCC A GCCCUCCG	11210	CGGAGGGC CUGAUGAG GCCGUUAGGC CGAA IGCAGAGC	29585
6753	4277	CUGCCAGC C CUCCGACG	11211	CGUCGGAG CUGAUGAG GCCGUUAGGC CGAA ICUGGCAG	29586
6754	4276	UGCCAGCC C UCCGACGA	11212	UCGUCGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGGCA	29587
6755	4275	GCCAGCCC U CCGACGAU	11213		29588
6757	4273	CAGCCCUC C GACGAUGG	11214	CCAUCGUC CUGAUGAG GCCGUUAGGC CGAA IAGGGCUG	29589

1979   1989   100000000000000000000000000000000000	cacal	4262	ACGAUGGC A AACAUUAG	11215	CUAAUGUU CUGAUGAG GCCGUUAGGC CGAA ICCAUCGU	29590
1972   1972   COLUMBOR C GAZUACTUS   1227   CARCURON CHURUNGA (ECCHURUSC) CANA LICURACUS   19993   1978	6767	4263				29591
1982   1985					000000.11	29592
1415   CORRIGIO D' GIDULOIC   1229   GIDULOIC CAUTON   1229   GIDULOIC CAUTON   1229   GIDULOIC CAUTON   1229   CORRIGIO CAUTON   1223   CORRIGI	<del></del>				G.00000 TO	
1978   1421						
1979   1238	<del></del>					
1979    42.56   GICAUCAGE U TUCKGUUGC   11223   GICANGURA CUURAIGAR GICCUURAGE CRAN TARGURAN   29597   67977   4223   AUCACUUC & GURGESS   11224   ACGGGRAN CURAIGAR GICCUURAGE CRAN TARGURAN   29595   6807   4223   UUGGGGGC & AUCCGCGUU   11224   ACGGGRAN CURAIGARG GICCUURAGE CRAN TARGURAN   29595   6808   4222   UUGGGGGC & CUCCGCGUU   11225   AAGGGGRAN CURAIGARG GICCUURAGE CRAN TARGURAN   29595   6808   4222   UUGGGGGC & CUCCGCGUU   11225   AAGGGGRAN CURAIGARG GICCUURAGE CRAN TARGURAN   29595   6811   4219   GGGCCAUC & CUCCGCGUU   11225   AAGGGGRAN GICAUCAGE CRAN TARGURAN   29595   6811   4219   GGGCCAUC & CUCCGCUU   11225   GARACACC CURAIGARG GICCUURAGE CRAN TARGUCCA   29595   6812   4194   UUCACUUC & NUCCCCC   11229   GGRCCAUC & GURAIGARG GICCUURAGE CRAN TARGURAN   29605   6832   4194   UUCACUUC & AUCACUC   11229   GGRCCAUC & GURAIGARG GICCUURAGE CRAN TARGURAN   29605   6840   4194   UUCACUUC & AUCACUC   11229   GGRCCAUC & GURAIGARG GICCUURAGE CRAN TARGURAN   29605   6840   4195   AUCACUC & AUCACUC   11229   GGRCUAUCA   GCCGUURAGE CRAN TARGURAN   29605   6840   4195   AUCACUC & AUCACUC   11229   GGRCUAUCAG GICCUURAGE CRAN TARGURAN   29605   6844   4196   AUCACUC & AUCACUC   11229   GGRCUAUCAG GICCUURAGE CRAN TARGURAN   29605   6845   4185   AUCACUC & AUCACUC   11229   GGRCUAUCAG GICCUURAGE CRAN TARGURAN   29605   6846   4122   AUCACUC & AUCACUC   11229   GGRCUAUCAG GICCUURAGE CRAN TARGURAN   29605   6851   4172   CARGRAGU & AUCACUC   11229   CUUCAUCA   29605   6851   4172   CARGRAGU & AUCACUC   11224   AUCACUC   CUUAUCAG GICCUURAGE CRAN TARGURAN   29605   6851   4172   CARGRAGU & AUCACUC   11224   AUCACUC   CUUAUCAG GICCUURAGE CRAN TARGURAN   29605   6851   4172   CARGRAGU & UUCACUC   11224   AUCACUC   CUUAUCAG GICCUURAGE CRAN TARGURAN   29605   6851   4172   CARGRAGU & UUCACUC   11224   AUCACUC   CUUAUCAG GICCUURAGE CRAN TARGURAN   29605   68905   4115   AUCACUC   UUCACUC   UUCAC						
1979    42.33						
1997   1233						
1222   URGEGIGCO A UCCOCCOU   11225   AACCICCO CUANUAGO   GCCSULAGGC   COA INDIGCCO   29601   6811   4219   GOGCORIO C ACUGUADU   11225   GUARACOC CUANUAGO   GCCSULAGGC   COA INDIGCCO   29601   6832   4198   GOGCORIO C ACUGUADU   11227   AUTUCAUG CUCARUAGO   GCCSULAGGC   COA INDIGCCO   29601   6832   4198   GOGLORO C AUGCANUCA   11228   GUARUGCO CUCARUAGO   GCCSULAGGC   COA INDIGCCO   29601   6836   4199   URACABUCC A NUCAGUC   11229   GUARUGCO   GUARUAGO   GCCSULAGGC   COA INDIGCCO   29601   6840   4190   AUGCARUC A GUCCAGCA   11230   UGCUGGAC   CUGARUAGO   GCCSULAGGC   COA INDIGCCO   29605   6844   4186   AAUCAGUC C AGCACAA   11231   UGUGUGCU   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6845   4185   AUCAGUC C AGCACAA   11231   UGUGUGCU   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6846   4185   AUCAGUC C A GCACAGA   11232   GUUGUGC   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6851   4179   CUAGAGCA   CAAAGGAN   11234   AUGAUCCU   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6851   4179   CUAGAGCA   AUGAGUCA   11234   AUGAUCCU   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6854   4186   AAAAGUCC   UGUUGAGG   11235   CAACCCCA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29605   6854   4185   AAAAGUCC   UGUUGAGG   11236   CUACACA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6855   4175   CAAGAGAC   AUGAGCA   11236   CUACACA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29611   6875   4155   AAAAGUCC   UGUUGAGG   11236   CUACACA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6884   4186   USUAGAGC   AAGCANAG   11236   CUACACA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6895   4135   AGCCACA   AUGACAGA   11236   CUAGAGC   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6896   4146   USUAGAGC   AAGCANAG   11236   CUACACA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6890   4130   CUAGAGCA   AUGACAGA   11246   GUAGAGCA   CUANUAGO   GCCSULAGGC   COA INDIGCCO   29616   6891   4130   ACCALACA   AUGACAGA   11246   AAAAGAA   CUANUAGO   GCCSULAGGC   COA INCICUACA   29616   6991   4130   ACCUACAC   AU						
1219   GGOCCAIR C GCGUUURAC   11226   GURANDOC CUANURGA GCGUUURGC CARA IATRGCCC   29611   6830   4194   GGAGLACA C NUGCARUC   11229   GURANDOC CUARURGA GCGUUURGGC CARA IATRCCCAA   29621   6836   4194   UCACADGC A NUCCARUC   11229   GGACUGAG CUARURGA GCGUUURGGC CARA ITUBALICCE   29633   6836   4194   UCACADGC A NUCCARUC   11229   GGACUGAG CUARURGA GCGUUURGGC CARA ITUBALICCE   29643   6836   4194   UCACADGC A NUCCAGCA   11231   UUGCUGCU CUARURGA GCGUUURGGC CARA ITUBALICCE   29664   6840   4190   AUGCARUC C AGCACAA   11231   UUGCUGCU CUARURGA GCGUUURGGC CARA ITURGALU   29606   6844   4186   ANUCAGUC C AGCACAA   11231   UUGCUGCU CUARURGA GCGUUURGGC CARA ITURGALU   29606   6845   4182   AUGCUCCC A GCACCAA   11231   UUGCUGCU CUARURGA GCGUUURGGC CARA ITURGALU   29606   6851   4179   CAGCAGCA A GRARGAU   11231   AUGCUGCU CUARURGA GCGUUURGGC CARA IACUGARU   29607   6858   4172   CARGCARCA A GRARGAU   11234   AUGCUCCU CURRURGA GCCGUURGGC CARA ICUGCAGU   29608   6858   4173   CARGCACC A GURGGGAG   11235   CUCCARAC CUARURGA GCCGUURGGC CARA ICUGCAG   29608   6875   4155   ARABGUC C U GUUURGGG   11235   CUCCARAC CUARURGA GCCGUURGGC CARA ICUCCUG   29619   6874   4156   GRARAGGC C AGCALRAG   11234   CUCCARAC CUARURGA GCCGUURGGC CARA ICUCCUG   29611   6875   4155   ARABGUC C U GUUURGGG   11237   CUCCARAC CUARURGA GCCGUURGGC CARA ICUCCUG   29611   6876   4156   GRARAGGC C AGCAURGA   11238   UUGGCUCU CUARURGA GCCGUURGGC CARA ICUCCUG   29611   6876   4156   GRARAGGC C AGCAURGA   11234   GUCURGCU CUARURGA   GCCGUURGGC CARA ICUCCUG   29611   6871   4139   CURGAGCC C AGCAURGA   11234   GUCURGCU CUARURGA   GCCGUURGGC CARA ICUCUUR   29612   6871   4139   CURGAGCC C AGCAURGA   11240   GCURGCU CUARURGA   GCCGUURGGC CARA ICUCURGC   6871   4139   CURGAGCC C AGCAURGA   11241   GUCUGCU CUARURGA   GCCGUURGC CARA ICUCURGC   6871   4139   CURGAGCC C AGCAURGA   11247   GUCUGCU CUARURGA   GCCGUURGC CARA ICUCCUG   6871   4139   CURGAGCC C C UUCUCCUC   11245   ARCARGAC CUARURGA   GCCGUURGC CARA ICUCRAG   6872   4131   CUURGCC C UUCUCCUC   11245						-
1987   1980   UDUGGARIC A CRUGCIAU   11227   AUUCCAUC CUARIDIGG CICCULAGES CAN INDOCAA   29602   1981   1984   COGADICAC A UGCARUCA   11228   UGANDIGCA CUGRUGAG   GCCUULAGGC CAN INDOCAA   29603   1983   1994   UCACADICC A RICCARUCC   11229   GGACURAD CUGRUGAG   GCCUULAGGC CAN INDOCAA   29604   1994   UCACADICC A RICCARUCC   11229   GGACURAD CUGRUGAG   GCCUULAGGC CAN INDOCAA   29605   1984   4186   AUUCAGUC C ARCACCAA   11231   UUCGUGCC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29605   1984   4186   AUUCAGUC C A GCACAGA   11231   UUUGCUGC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29607   1988   4185   AUUCAGUC C A GCACAGA   11231   UUUGCUGC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29607   1988   4185   AUUCAGUC C A GCACAGA   11232   CUUGCUGC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29607   1988   4185   AUUCAGUC C A GCACAGA   11233   UUUGCUGC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29609   1985   4179   CCAGCAGC A RGABICAU   11234   AUGAUCCU CUGRUGAG   GCCUULAGGC CAN INDOCAA   29609   1986   4185   GRARAGUC C UUUUGAGGC   11236   CCUCRAC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29611   1987   4156   GRARAGUC C UUGUUGAGG   11236   CCUCRAC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29612   1987   4115   GRARAGUC C UUGUUGAGG   11236   CCUCRAC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29612   1988   4146   GUUGAGGC C AAGCAUAG   11239   CUULGUUG CUGRUGAG   GCCUULAGGC CAN INDOCAA   29613   1989   4140   GCUCAGAGC C AAGCAUAG   11243   CUULGUUC CUGRUGAG   GCCUULAGGC CAN INDOCAA   29613   1989   4140   GCUCAGAGC C AAGCAUAG   11241   GUUGGUU CUGRUGAG   GCCUULAGGC CAN INCOCUCAA   29613   1990   4130   AUGAUGAG C A GACUUGA   11242   AUGAUGUC CUGRUGAG   GCCUULAGGC CAN INCOCUCAA   29613   1991   4126   UUGAGGC C AUGACAGAC   11244   GUUGGUU CUGRUGAG   GCCAA INCOCUCAA   29614   1991   4126   UUGAGGC C AUGACAGAC   11244   AUGAGAGC CUGRUGAG   GCCAA INCOCUCAA   29615   1991   4126   AUGACAGAC C UUGCUCUU   11243   AUGAGAGC CUGRUGAG   GCCAA INCOCUCAA   29616   1991   4126   AUGACAGAC C UUGCUCUU   11244   AUGAGAGC CUGRUGAG   GCCAA INCOCUCAA   29616   1991   4126   AUGACAGAC C	6808					
1989   GGALICAE A DICCARICA   11228   UGANUGCA CUGANGAG   GCCGULAGGC   CGAA IUGAUCCA   29603	6811					
1993   1194	6830				Addition Country Country	
1996   1196   AUCCANDE A GUICAGACA   11231   UUGCUGGAC CUGAUGAG   GCCGUUAGGC CGAA IAUUGAGU   29605   6844   4186   AUCAGUCC A GCACGACA   11231   UUGCUGCC CUGAUGAG   GCCGUUAGGC CGAA IACUGAUU   29605   6846   4182   AUCAGUCC A GCACGACA   11232   UUGCUGC CUGAUGAG   GCCGUUAGGC CGAA IACUGAUU   29606   6851   4179   CCACCACC A GCAACGAU   1223   AUCCUUGC CUGAUGAG   GCCGUUAGGC CGAA IACUGAUU   29606   6851   4179   CCACCACC A AGGAUCA   11234   AUCAGUCC CUGAUGAG   GCCGUUAGGC CGAA IACUGAUU   29606   6858   4172   CAACGAUC A UUGCUGC   11235   CAACCCCC CUGAUGAG   GCCGUUAGGC CGAA IACUCUUC   29616   6874   4156   GAAAAGUC C U GUUGAGGC   11237   GCCUCCAC CUGAUGAG   GCCGUUAGGC CGAA IACUCUUU   29611   6874   4156   GUUGAGGC C JAGACCCA   11236   CCCCCACAC CUGAUGAG   GCCGUUAGGC CGAA IACUCUUU   29612   6886   4146   GUUGAGGC C JAGACCCA   11238   UUGGCUCU CUGAUGAG   GCCGUUAGGC CGAA IACUCUUU   29612   6890   4140   GCUGAGGC C AGCAUGA   11239   UUGGCUCU CUGAUGAG   GCCGUUAGGC CGAA ICCCUCAC   29613   6891   4139   CURAGACC A JACCACAA   11239   UUGGCUCU CUGAUGAG   GCCGUUAGGC CGAA ICCCUCAC   29613   6895   4135   ACACAGAC A JACCACAA   11239   UUGGCUCU CUGAUGAG   GCCGUUAGGC CGAA ICCUCAGC   29616   6895   4136   GCUGAGGC C AGCAUGAG   11240   GCUGAUGAG   GCCGUUAGGC CGAA ICCUCAGC   29616   6895   4136   ACCCAAGC A GUCACAC   11241   GUUCUCUU CUGAUGAG   GCCGUUAGGC CGAA ICCUCAGC   29616   6896   4126   AUCCAGAC C UUGCCUCU   11242   AGCAGACC CUGAUGAG   GCCGUUAGGC CGAA ICCUCAGC   29616   6900   4130   ACCAAGC C AGCAUGA   11240   GCUCACC CUGAUGAG   GCCGUUAGGC CGAA ICCUCAC   29616   6900   4130   ACCAAGC C AGCACAC UU I1244   AGGACAC CUGAUGAG   GCCGUUAGGC CGAA ICCUCAC   29616   6910   4120   ACUUGCUC C UUUCUUCU   11241   AGGACAC CUGAUGAG   GCCGUUAGGC CGAA ICCUCAC   29616   6910   4120   ACUUGCCC C UUUCUUCU   11241   AGGACAC CUGAUGAG   GCCGUUAGGC CGAA ICCACAC   29626   6911   4120   ACUUGCCC C UUUCUCU   11246   AAAGAAAC CUGAUGAG   GCCGUUAGGC CGAA ICCACAC   29626   6911   4120   ACUUGCCC C UUUCUCCC   11246   AAAGAAAC CUGAUGAG   GCCGUUAGGC CGAA ICCACA						
1186	6836					
1.566   1.60	6840	4190				
1828   AGUICAGE A GEARGAN   11231   AUCCUUGE CUGAUGAG GECGUUAGGE CGAA ICUUGACU 29608   1851   4179   CAGGAGE A AGGANCAN   11234   AUGAUCU CUGAUGAG GECGUUAGGE CGAA ICUUGACUGG 29609   1858   4176   CAAGGAUCA   AUGGGGUUGU 11235   CAACCCCA CUGAUGAG GECGUUAGGE CGAA IAUCCUUG 29610   1874   4156   GAAAAGUC C UGUUGAGG 11236   CCUCAACA CUGAUGAG GECGUUAGGE CGAA IAUCCUUG 29611   1875   A155   AAAAGUCC U GUUGAGG 11237   GCCUCAACA CUGAUGAG GECGUUAGGE CGAA IAUCCUUG 29613   1884   4146   GUUGAGGE C AGGAUGA 11238   UUGGCUCU CUGAUGAG GECGUUAGGE CGAA IAUCCUUG 29613   1899   4140   GCUGAGGE C AGGAUGA 11239   UUGGCUCU CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29613   1899   4140   GCUGAGGE C AGGAUGA 11239   CUGAUGCU CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29613   1899   4130   CUGAGGC C AGGAUGA 11239   CUGAUGCU CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29615   1899   4135   AGCCAAGC A UAGCAGAC 11241   GCUGAGCU CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29615   18904   4126   UAGCAGAC U GUCCCUU 11243   AAGGAAGC CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29615   18904   4126   UAGCAGAC U GUCCCUU 11243   AAGGAAGC CUGAUGAG GECGUUAGGE CGAA ICUCUAGC 29616   18904   4126   UAGCAGAC U GUCCCUU 11243   AAGGAAGC CUGAUGAG GECGUUAGGE CGAA ICUCUCAG 29616   18904   4126   UAGCAGAC U GUCUCUU 11244   AAGAAAGA CUGAUGAG GECGUUAGGE CGAA ICUCUCAG 29616   18904   4126   ACUUGCU C U UUCUUUUU 11244   AAGAAAG CUGAUGAG GECGUUAGGE CGAA ICUCGCU 29616   18910   4120   ACUUGCU C U UUCUUUUU 11246   AAAAAGAA CUGAUGAG GECGUUAGGE CGAA ICUGGUA 29616   18911   4119   CUUGCUC C U UUCUUUU 11246   AAAAAGAA CUGAUGAG GECGUUAGGE CGAA ICUGACG 29626   18913   4115   CUCUCUC U UUUUUUCA 11247   AAGGAGG CUGAUGAG GECGUUAGGE CGAA ICAGGUG 29626   18923   4107   UUUUUGCA A CUCCCUC U 11249   AAGGAGG CUGAUGAG GECGUUAGGE CGAA ICAGGUG 29626   18924   4108   UUCUCUC A CUCCCUC 11250   AAGGAGGA CUGAUGAG GECGUUAGGE CGAA IAGCAGGU 29627   18925   4101   GCAGCUCC C CUCUCUC 11250   AAGGAGGA CUGAUGAG GECGUUAGGE CGAA IAGCAGGU 29628   18926   4094   AAGCUGCAC C CUCUCUC 11250   AAGGAGGA CUGAUGAG GECGUUAGGE CGAA IAGCAGG 29628   18926	6844	4186				
1985   1179   CCARGAGE A AGGANCAL   11215   AUGANICCI CUGANGAG GCGUINAGGC CGAA ICUGCUGG   29609	6845	4185		<del></del>		
125   127   CARGANUE A UGGGGUUG   11235   CARCCCCA CUGAUGAG   GCCGUUAGGC   CGAA IAUCCUUG   29610   6874   4156   GAAAAGUC C UGUUGAGG   11236   CUCUACAC CUGAUGAG   GCCGUUAGGC   CGAA IAUCCUUG   29611   6875   4155   AAAAGUC C UGUUGAGG   11237   GCCUCAAC CUGAUGAG   GCCGUUAGGC   CGAA IACUUUUU   29612   6884   4146   GUUGAGGC C A AGGCALAG   11238   UUGGGUCU CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAAC   29613   6890   4140   GCUGAGGC C AAGCALAG   11239   UUGGGUCU CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAAC   29613   6891   4139   CUGAGGC C AAGCALAG   11240   GCUAUGCUU CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAAC   29615   6895   4135   AGCCAAGC A RCALAGC   11240   GCUAUGAG   GCCGUUAGGC   CGAA ICCUCAC   29615   6895   4136   AGCCAAGC A UGCCAGAC   11241   GCAAGUC CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAC   29615   6900   4130   AGCCAAGC A UGCUCCUU   11243   AAGCAGC CUGAUGAG   GCCGUUAGGC   CGAA ICCUCAC   29616   6904   4126   UAGCAGAC U UGCUCCUU   11243   AAGCAGC CUGAUGAG   GCCGUUAGGC   CGAA ICCUCACA   29616   6908   4120   ACUUGCUC C UUUCUUUU   11245   AAAAGAA CUGAUGAG   GCCGUUAGGC   CGAA ICCUCACA   29616   6910   4120   ACUUGCUC U UUUCUUUU   11245   AAAAGAA CUGAUGAG   GCCGUUAGGC   CGAA ICCUCACA   29616   6911   4119   CUUCUUCU   UUUUUGCA   11247   AGCAAGC   CUGAUGAG   GCCGUUAGGC   CGAA ICCUCACA   29616   6913   4115   CUCCUUUC U UUUUUGCA   11247   AGCAAGGC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAGU   29621   6914   4115   CUCCUUC U UUUUUGCA   11248   AGUGCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAGU   29621   6915   4115   CUCCUUC U UUUUUGCA   11248   AGUGCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAGG   29621   6916   4104   UUUUGAGC   GCACCCCU   11248   AGUGCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAG   29621   6917   4019   AGCCGCAC   CUCCUCCU   11250   AAGAGGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAG   29621   6918   4019   ACCUCCU   UCUCCCCU   11250   AAGAGGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACCAAG   29621   6919   AGUGCACC   UCUCCCCC   11250   AAGAGGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACCAGC   29621   6910   ACCACACC   CUCCUCCCC   11250   AAGA	6848	4182	AGUCCAGC A GCAAGGAU	11233		
1975   1155	6851	4179	<u> </u>	11234		
1975   1975   AAAAGUCC U GUUGAGGC   11237   GCCUCAAC CUGAUGAG   GCCGUUAGGC   GGAA IGACUUUU   29612   6884   4146   GUUGAGGC U AGAGCCAA   11238   CUAUGCCUC CUGAUGAG   GCCGUUAGGC   GGAA IGACUUUU   29613   6890   4140   GCUGAGAG C AAGCAUAG   11239   CUAUGCCUU CUGAUGAG   GCCGUUAGGC   GGAA IGCUCUAGC   29614   6891   4139   CUAGAGCC A AGCAUAGC   11240   GCUAUGCU CUGAUGAG   GCCGUUAGGC   GGAA IGCUCUAGC   29615   6895   4135   AGCCAAGC A UAGCCAGC   11241   GUCUGCUA CUGAUGAG   GCCGUUAGGC   GGAA IGCUCUAG   29615   6895   4135   AGCCAAGC A UAGCCAGC   11241   GUCUGCUA CUGAUGAG   GCCGUUAGGC   GGAA ICUCUCUAC   29615   6895   4136   AGCCAAGC A UAGCCAGC   11241   GUCUGCUA CUGAUGAG   GCCGUUAGGC   GGAA ICUCUGCUA   29616   6900   4130   AGCCAAGC A UAGCCAGC   11242   AGCAAGCU CUGAUGAG   GCCGUUAGGC   GGAA ICUCUGCUA   29616   6904   4126   UAGCCAGAC U UGCUCCUU   11242   AAGCAAGCU CUGAUGAG   GCCGUUAGGC   GGAA ICUCUGCUA   29618   6910   4122   AGACCUGCU C UUCUUUUU   11245   AAAAGAGA CUGAUGAG   GCCGUUAGGC   GGAA ICAAGUCU   29619   6911   4119   CUUGCUCC U UUCUUUUU   11247   AAAAAGAA CUGAUGAG   GCCGUUAGGC   GGAA IAAGCAAC   29620   6911   4115   CUCCUUUU U UUUUUUGCA   11247   UGCAAAAA CUGAUGAG   GCCGUUAGGC   GGAA IAAGCAAC   29621   6923   4107   UUUUUUUGCA   1247   UGCAAAAA CUGAUGAG   GCCGUUAGGC   GGAA IAAGCAAG   29622   6923   4101   UUUUUUGCA   GCACUCCU   11249   AGGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA ICAAGAAA   29623   6924   4101   GCACCUCC U CUCUCUCU   11250   AAGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA ICAAGAAA   29623   6934   4095   UGCCCUCCU   UCCCCCUCU   11250   AAGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA ICAGCAGC   29625   6934   4096   UGCACUCC U CUCUCUCC   11251   AGGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA ICAGCAGC   29626   6935   4094   ACCCCUCU U ICCCCCC   11253   GGGAGAGA   CUGAUGAG   GCCGUUAGGC   GGAA ICAGCAGC   29626   6936   4094   UCCUCCCC U UGAUCAA   11255   GGGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA IAGAGGAG   29628   6939   4091   UCCUCCUCU U UCCCCCCC   11253   GGGAGGAG   CUGAUGAG   GCCGUUAGGC   GGAA IAGAGGA   29638   6941	6858	4172	CAAGGAUC A UGGGGUUG	11235		
1128   1129   11296	6874	4156	GAAAAGUC C UGUUGAGG	11236		
1140   GCUAGAGC C ARGCAURG   11240   GCURUGCU CUGAUGRG   GCCGUURGC   CRA ICUCURGC   29614	6875	4155	AAAAGUCC U GUUGAGGC	11237	GCCUCAAC CUGAUGAG GCCGUUAGGC CGAA IGACUUUU	
6891 4135 CUGARGCC A AGAUNAGC 11241 GUCUGCUA CUGAUGAG GCCGUUAGGC CGAA IGCUCUAG 29615 6895 4135 AGCCAAGC A UAGCAGAC 11241 GUCUGCUA CUGAUGAG GCCGUUAGGC CGAA ICUUGGCU 29616 6896 4126 UAGCAGAC A UAGCAGAC 11241 GUCUGCUA CUGAUGAG GCCGUUAGGC CGAA ICUUGGCU 29616 6900 4130 AGCAUAGC A GACUUGCU 11243 AAGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUUGGCU 29616 6900 4122 AGACUUGC U CCUUUCUU 11243 AAGGAGC CUGAUGAG GCCGUUAGGC CGAA ICUUGCU 29619 6910 4120 ACUUGCUC U CUUUCUUU 11245 AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA ICACGCUC 29619 6911 4119 CUUGCUCC U UUUCUUUU 11245 AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IACACAGU 29621 6911 4119 CUUGCUCC U UUUCUUUU 11246 AAAAAGAA CUGAUGAG GCCGUUAGGC CGAA IACACAGU 29621 6913 4115 CUCCUUUU U UUUUGCAC 11247 UGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IACACGUC 16911 6914 4119 CUUGCUCC U UUUCUUCUU 11246 AAAAAAAA CUGAUGAG GCCGUUAGGC CGAA IACACGAG 29621 6924 4104 UUUUGCAG G GCGCUCCU 11249 AGGAGGC CUGAUGAG GCCGUUAGGC CGAA IACACGAG 29622 6926 4104 UUUUGCAG U GCACUCCU 11249 AGGAGGGC CUGAUGAG GCCGUUAGGC CGAA ICACGAC 29624 6929 4101 GCAGCUGC A CUCCUCUU 11250 AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ICACGAC 29624 6931 4097 CUGCACUC C UCUUCUCC 11251 AGAAAGGA CUGAUGAG GCCGUUAGGC CGAA ICACGUG 29626 6931 4097 CUGCACUC C UCUUCUCC 11252 GGAGAGA CUGAUGAG GCCGUUAGGC CGAA ICACGAC 29627 6934 4096 UGCACUCC U UCUCCCCC 11253 GGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IACACGAC 29627 6934 4096 UGCACUCC U UCUCCCCC 11253 GGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IACACGC 29627 6934 4096 UGCACUCC U UCUCCCCC 11255 GGGAGAAA CUGAUGAG GCCGUUAGGC CGAA IACACGC 29627 6939 4091 UCCCUUCUC C CUGAUCAA 11256 UUGAUGAG GCCGUUAGGC CGAA IACACGAC 29628 6939 4091 UCCUCUCC C UGAUCAA 11255 GUGAUGAG GCCGUUAGGC CGAA IACACGAC 29630 6941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG GCCGUUAGGC CGAA IACACGAC 29631 6942 4088 UCUUCUCC C UGAUCAAC 11256 GUGAUGAG GCCGUUAGGC CGAA IACACGAC 29631 6943 4087 CUUCUCCC UGACCAAC 11256 GUGAUGAG GCCGUUAGGC CGAA IACACGAC 29634 6944 4089 CUCUCUCC C UGAUCAAC 11259 AGGCACU CUGAUGAG GCCGUUAGGC CGAA IACACGAC 29634 6954 4054 CAGCCCUC A AGCACACA 11269 GUGAUGAG GCCGUUAGGC CGAA IAC	6884	4146	GUUGAGGC U AGAGCCAA	11238		
135	6890	4140	GCUAGAGC C AAGCAUAG	11239	CUAUGCUU CUGAUGAG GCCGUUAGGC CGAA ICUCUAGC	29614
130   AGCAURGC A GACUUGCU   11242   AGCARGUC CUGAUGAG GCCGUUAGGC CGAA ICUAUGCU   29617	6891	4139	CUAGAGCC A AGCAUAGC	11240	GCUAUGCU CUGAUGAG GCCGUUAGGC CGAA IGCUCUAG	29615
126	6895	4135	AGCCAAGC A UAGCAGAC	11241	GUCUGCUA CUGAUGAG GCCGUUAGGC CGAA ICUUGGCU	29616
1222   AGACUUGC U CCUUUCUU   11244   AAGANAGG CUGAUGAG GCCGUUAGGC CGAA ICAGGUCU   29619	6900	4130	AGCAUAGC A GACUUGCU	11242	AGCAAGUC CUGAUGAG GCCGUUAGGC CGAA ICUAUGCU	29617
120   120   120   120   120   1245	6904	4126	UAGCAGAC U UGCUCCUU	11243	AAGGAGCA CUGAUGAG GCCGUUAGGC CGAA IUCUGCUA	29618
11   11   11   11   11   11   11   1	6908	4122	AGACUUGC U CCUUUCUU	11244	AAGAAAGG CUGAUGAG GCCGUUAGGC CGAA ICAAGUCU	29619
6911   4119		4120	ACUUGCUC C UUUCUUUU	11245	AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGCAAGU	29620
6915         4115         CUCCUUUC         UUUUUUGCA         11247         UGCAAAAA         CUGAUGAG         CCGUUAGGC         CGAA         IAAAGGAG         29622           6923         4107         UUUUUUGCA         GCUGCACU         11248         AGUGCAC         CUGAUGAG         GCAGUCGA         GAA         LCAAAAAA         29623           6926         4104         UUUUGCACC         UCCUCCUU         11249         AGGAGUGC         CUGAUGAG         GGAA         LCACACCCU         129624           6931         4099         AGCUGCAC         CUCCUCCUU         11251         AGAAGGAG         CUGAUGAG         CGAA         1AGUGCAC         99626           6931         4099         AGCUCCC         UCUUCUCC         11252         GGAGAAGA         CUGAUGAG         CGAA         1AGUGCAC         29628           6934         4096         UGCACUCC         UUCUCCCU         11252         GGAGAGA         CUGAUGAG         CGAA         1AGGAGGA         29628           6936         4094         CACCUCCUC         UUCUCCCU         11255         GAUCAGG         CUGAUGAG         CCGUUAGGC         CGAA         IAAGAGGA         29639           6931         4089         CUCUUCUC         CUGAUCAA         11256		4119	<del></del>	11246	AAAAAGAA CUGAUGAG GCCGUUAGGC CGAA IGAGCAAG	29621
6923   4107			CUCCUUUC U UUUUUGCA	11247	UGCAAAAA CUGAUGAG GCCGUUAGGC CGAA IAAAGGAG	29622
6926			UUUUUUGC A GCUGCACU	11248	AGUGCAGC CUGAUGAG GCCGUUAGGC CGAA ICAAAAAA	29623
6929   4101   GCAGCUGC A CUCCUCUU   11250   AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC   29625   6931   4099   AGCUGCAC U CCUCUCUC   11251   AGAAGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUG   29626   6933   4097   CUGCACUC C UCUUCUCC   11252   GGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGCGCG   29627   6934   4096   UGCACUCC U CUUCUCCC   11253   GGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGGGCA   29628   6936   4094   CACUCCUC U UCUCCCCU   11254   CAGGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAGG   29628   6939   4091   UCCUCUUC U CCCUGAUC   11255   GAUCAGG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG   29630   6941   4089   CUCUUCUC C CUGAUCAA   11256   UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG   29630   6942   4088   UCUUCUC C UGAUCAAG   11257   CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAG   29631   6943   4087   CUUCUCCC U UGAUCAAG   11258   GCUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGA   29633   6948   4082   CCCUGAUC A AGCUGCCU   11259   AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAGAAGA   29634   6952   4078   GAUCAAGC U GCCUAUUC   11260   GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA IACAGGA   29634   6955   4075   CAAGCUGC C UAUUCCGAA   11261   UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC   29635   6956   4074   AAGCUGCC U AUUCCGAA   11261   UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC   29636   6956   4064   AGCUGCC U AUUCCGAA   11263   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29637   6966   4064   BOCCUAUUC C GACCAUCA   11263   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29638   6956   4065   AUUCCGAC C AUCAACAG   11264   CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGCA   29639   6966   4064   UUCCGAC C AUCAACAG   11266   CUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAGAGCA   29639   6966   4064   UUCCGAC C AUCAACAG   11266   CUGUUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGGA   29640   6969   4061   CGACCAUC A ACACAGG   11266   ACUGCUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGGA   29640   6969   4061   CGACCAUC A ACACAGGU   11266   ACUGCUGA CUGAUGAG GCCGUUAGGC CGAA IAUGGGA   29640   6981   4049   GCGUUAC A GCAGUAU   11267   AUGUGGA CUGAUGAG GCCGUUAGGC CGAA IAUCGGA   29644   6982   4048   CAGUACC A GUACACAU   1				11249	AGGAGUGC CUGAUGAG GCCGUUAGGC CGAA ICUGCAAA	29624
6931   4099   AGCUGCAC U CCUCUUCU   11251   AGAAGAG CUGAUGAG CCGUUAGGC CGAA IUGCAGCU   29626   6933   4097   CUGCACUC U CUUCUCCC   11252   GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG   29627   6934   4096   UGCACUCC U CUUCUCCC   11253   GGGAGAGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG   29628   6936   4094   CACUCCUC U UCUCCCUG   11254   CAGGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC   29628   6939   4091   UCCUCUUC U CCCUGAUCA   11255   GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC   29639   40991   UCCUCUUC U CCCUGAUCA   11255   GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAGAGGAC   29630   6941   4089   CUCUUCUC C CUGAUCAA   11256   UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAAGAA   29630   6942   4088   UCUUCUCC C UGAUCAAG   11257   CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGAA   29632   6943   4087   CUUCUCCC U GAUCAAGC   11258   GCUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IGAGAAGA   29633   6948   4082   CCCUGAUCA   AGCUGCCU   11259   AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG   29634   6952   4078   GAUCAAGC U GCCUAUUC   11260   GAAUAAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGG   29634   6955   4075   CAAGCUGC U UAUUCCGA   11261   UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC   29635   6956   4064   AAGCUGC U AUUCCGAC   11262   GUCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC   29636   6956   4065   AUUCCGAC   AUCACAGC   11263   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29637   6965   4065   AUUCCGAC   AUCACAGC   11263   UGAUGGAC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC   29638   6965   4064   UUCCGACCAU   A ACACAGC   11265   GCUGUUGA GCCGUUAGGC CGAA IAAUAGGC   29638   6966   4064   UUCCGAC   A ACACAGC   11265   GCUGUUGA GCCGUUAGGC CGAA IAAUAGGC   29638   6966   4064   UUCCGAC   A ACACACAG   11265   GCUGUUGA GCCGUUAGGC CGAA IUCGGAA   29649   4061   CGACCAUC   A ACACAGC   11265   GCUGUUGA GCCGUUAGGC CGAA IUCGGAA   29649   4061   CGACCAUC   A ACACACAC   11265   GCUGUUGA GCCGUUAGGC CGAA IUCGGAA   29649   4061   CGACCAUC   A ACACACAC   11265   GCUGUUGA GCCGUUAGGC CGAA IUCGGAA   29649   4061   CGACCAUC   A ACACACAC   11265   GCUGUGGA GCCGUUAGGC CGAA IUCACGA   29646   6			<del></del>	11250	AAGAGGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUGC	29625
6933   4097   CUGCACUC C UCUUCUCC   11252   GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG   29627   6934   4096   UGCACUCC U CUUCUCCC   11253   GGGAGAAG CUGAUGAG GCCGUUAGGC CGAA IAGUGCAC   29628   6936   4094   CACUCCUC U UCUCCCUG   11254   CAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IAGAGGCA   29628   6939   4091   UCCUCUUC U CCCUGAUC   11255   GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAGAGGGA   29630   6941   4089   CUCUUCUC C CUGAUCAA   11255   UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGGA   29630   6942   4088   UCUUCUCC C UGAUCAAG   11255   UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGGA   29631   6943   4087   CUUCUCCC U GAUCAAG   11257   CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAGGA   29632   6948   4082   CCCUGAUC A AGCUGCCU   11259   AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IAUCAGG   29634   6952   4078   GAUCAAGC U GCCUAUUC   11260   GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGG   29634   6955   4075   CAAGCUGC C UAUUCCGA   11261   UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUUGAUC   29636   6956   4064   AAGCUGCC U AUUCCGAC   11262   GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29636   6966   4064   UUCCGACC A UCAACAG   11263   UGAUGAG CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29636   6966   4064   UUCCGACC A UCAACAG   11263   UGAUGAGU CUGAUGAG GCCGUUAGGC CGAA ICAGCUU   29637   6966   4064   UUCCGACC A UCAACAG   11264   CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGGC   29638   6966   4064   UUCCGACC A UCAACAGC   11265   GCUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGGC   29639   6966   4064   UUCCGACC A UCAACAGC   11265   GCUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGGC   29641   6972   4058   CCAUCAAC A GCAGCAGU   11265   GCUGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUAGGC   29641   6981   4049   GCAGUAUC C GUAACAGC   11265   GCUGUGAU CUGAUGAG GCCGUUAGGC CGAA IAUGGUA   29640   6981   4049   GCAGUACC A GCAGCAGU   11267   GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA   29640   6981   4049   GCAGUACC A GCAGCAGU   11267   GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGA   29644   6982   4048   CAGUACC A GAUCCAGA   11269   UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC   29644   6984   4048   CAGUACC A	<del></del>			11251	AGAAGAGG CUGAUGAG GCCGUUAGGC CGAA IUGCAGCU	29626
6934   4096					GGAGAAGA CUGAUGAG GCCGUUAGGC CGAA IAGUGCAG	29627
6936 4094 CACUCCUC U UCUCCCUG 11254 CAGGGAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAGUG 29629 6939 4091 UCCUCUUC U CCCUGAUC 11255 GAUCAGGG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA 29630 6941 4089 CUCUUCUC C CUGAUCAA 11256 UUGAUCAG CUGAUGAG GCCGUUAGGC CGAA IAAGAGGA 29631 6942 4088 UCUUCUCC C UGAUCAAG 11257 CUUGAUCA CUGAUGAG GCCGUUAGGC CGAA IAGAAGA 29632 6943 4087 CUUCUCCC U GAUCAAGC 11258 GCUUGAUC CUGAUGAG GCCGUUAGGC CGAA IGGAAGAA 29633 6948 4082 CCCUGAUC A AGCUGCCU 11259 AGGCAGCU CUGAUGAG GCCGUUAGGC CGAA IACAGAGG 29634 6952 4078 GAUCAAGC U GCCUAUUC 11260 GAAUAGGC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGG 29634 6955 4075 CAAGCUGC C UAUUCCGA 11261 UCGGAAUA CUGAUGAG GCCGUUAGGC CGAA ICUGAUC 29635 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 29636 6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGCUUG 29636 6965 4065 AUUCCGAC C AUCAACAG 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IACAGCUU 29637 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAUCAGGC 29638 6965 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IAUCGGAAU 29639 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29640 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6982 4048 CAGUAUCC U GUACACAU 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUGCUCG 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29647 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IAUCACAG 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IAUCAGGA 29646 6989 4				<del></del>		29628
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6956 4074 AAGCUGCC U AUUCCGAC 11262 GUCGGAAU CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU 29637 6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29638 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29639 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29649						<del> </del>
6961 4069 GCCUAUUC C GACCAUCA 11263 UGAUGGUC CUGAUGAG GCCGUUAGGC CGAA IAAUAGGC 29638 6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29639 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUACAGG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29649		<del></del>		<del></del>		
6965 4065 AUUCCGAC C AUCAACAG 11264 CUGUUGAU CUGAUGAG GCCGUUAGGC CGAA IUCGGAAU 29639 6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29649				+		
6966 4064 UUCCGACC A UCAACAGC 11265 GCUGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCGGAA 29640 6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>				<del></del>
6969 4061 CGACCAUC A ACAGCAGU 11266 ACUGCUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCG 29641 6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del> _				
6972 4058 CCAUCAAC A GCAGUAUC 11267 GAUACUGC CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG 29642 6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649				<del></del>		
6975 4055 UCAACAGC A GUAUCCUG 11268 CAGGAUAC CUGAUGAG GCCGUUAGGC CGAA ICUGUUGA 29643 6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>		+		+
6981 4049 GCAGUAUC C UGUACACA 11269 UGUGUACA CUGAUGAG GCCGUUAGGC CGAA IAUACUGC 29644 6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>		+		<del></del>
6982 4048 CAGUAUCC U GUACACAU 11270 AUGUGUAC CUGAUGAG GCCGUUAGGC CGAA IGAUACUG 29645 6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>		-		<del></del>
6987 4043 UCCUGUAC A CAUCCAGA 11271 UCUGGAUG CUGAUGAG GCCGUUAGGC CGAA IUACAGGA 29646 6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>				+
6989 4041 CUGUACAC A UCCAGAUU 11272 AAUCUGGA CUGAUGAG GCCGUUAGGC CGAA IUGUACAG 29647 6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649	L	<del> </del>				
6992 4038 UACACAUC C AGAUUCAA 11273 UUGAAUCU CUGAUGAG GCCGUUAGGC CGAA IAUGUGUA 29648 6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del></del>		<del></del>		<del> </del>
6993 4037 ACACAUCC A GAUUCAAG 11274 CUUGAAUC CUGAUGAG GCCGUUAGGC CGAA IGAUGUGU 29649		<del>                                     </del>		+	<u> </u>	
		+				<del> </del>
6999   4031   CCAGAUUC A AGCAUCUC   11275   GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA IAAUCUGG   29650				<del></del>		
	6999	4031	CCAGAUUC A AGCAUCUC	11275	GAGAUGCU CUGAUGAG GCCGUUAGGC CGAA IAAUCUGG	29650

		•		Table IX	
7003	4027	AUUCAAGC A UCUCAGCC	11276	GGCUGAGA CUGAUGAG GCCGUUAGGC CGAA ICUUGAAU	29651
7006	4024	CAAGCAUC U CAGCCCGG	11277	CCGGGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGCUUG	29652
7008	4022	AGCAUCUC A GCCCGGGU	11278	ACCCGGGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGCU	29653
7011	4019	AUCUCAGC C CGGGUGUU	11279	AACACCCG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	29654
7012	4018	UCUCAGCC C GGGUGUUA	11280	UAACACCC CUGAUGAG GCCGUUAGGC CGAA IGCUGAGA	29655
7023	4007	GUGUUAGC A GGGCUAGC	11281	GCUAGCCC CUGAUGAG GCCGUUAGGC CGAA ICUAACAC	29656
7028	4002	AGCAGGGC U AGCAGCGG	11282	CCGCUGCU CUGAUGAG GCCGUUAGGC CGAA ICCCUGCU	29657
7032	3998	GGGCUAGC A GCGGAACA	11283	UGUUCCGC CUGAUGAG GCCGUUAGGC CGAA ICUAGCCC	29658
7040	3990	AGCGGAAC A ACCACGUU	11284	AACGUGGU CUGAUGAG GCCGUUAGGC CGAA IUUCCGCU	29659
7043	3987	GGAACAAC C ACGUUUGA	11285	UCAAACGU CUGAUGAG GCCGUUAGGC CGAA IUUGUUCC	29660
7044	3986	GAACAACC A CGUUUGAU	11286	AUCAAACG CUGAUGAG GCCGUUAGGC CGAA IGUUGUUC	29661
7073	3957	GUUAUGGC U CUCAGUAU	11287	AUACUGAG CUGAUGAG GCCGUUAGGC CGAA ICCAUAAC	29662
7075	3955	UAUGGCUC U CAGUAUCA	11288	UGAUACUG CUGAUGAG GCCGUUAGGC CGAA IAGCCAUA	29663
7077	3953	UGGCUCUC A GUAUCAUC	11289	GAUGAUAC CUGAUGAG GCCGUUAGGC CGAA IAGAGCCA	29664
7083	3947	UCAGUAUC A UCCAAGCU	11290	AGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IAUACUGA	29665
7086	3944	GUAUCAUC C AAGCUACC	11291	GGUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGAUAC	29666
7087	3943	UAUCAUCC A AGCUACCG	11292	CGGUAGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGAUA	29667
7091	3939	AUCCAAGC U ACCGCCAG	11293	CUGGCGGU CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	29668
7094	3936	CAAGCUAC C GCCAGUGA	11294	UCACUGGC CUGAUGAG GCCGUUAGGC CGAA IUAGCUUG	29669
7097	3933	GCUACCGC C AGUGAAUU	11295	AAUUCACU CUGAUGAG GCCGUUAGGC CGAA ICGGUAGC	29670
7098	3932	CUACCGCC A GUGAAUUC	11296	GAAUUCAC CUGAUGAG GCCGUUAGGC CGAA IGCGGUAG	29671
7107	3923	GUGAAUUC A ACACAUCA	11297	UGAUGUGU CUGAUGAG GCCGUUAGGC CGAA IAAUUCAC	29672
7110	3920	AAUUCAAC A CAUCAGGG	11298	CCCUGAUG CUGAUGAG GCCGUUAGGC CGAA IUUGAAUU	29673
7112	3918	UUCAACAC A UCAGGGAU	11299	AUCCCUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUGAA	29674
7115	3915	AACACAUC A GGGAUCUC	11300	GAGAUCCC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29675
7122	3908	CAGGGAUC U CCCAGAGC	11301	GCUCUGGG CUGAUGAG GCCGUUAGGC CGAA IAUCCCUG	29676
7124	3906	GGGAUCUC C CAGAGCAG	11302	CUGCUCUG CUGAUGAG GCCGUUAGGC CGAA IAGAUCCC	29677
7125	3905	GGAUCUCC C AGAGCAGA	11303	UCUGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGAUCC	29678
7126	3904	GAUCUCCC A GAGCAGAA	11304	UUCUGCUC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUC	29679
7131	3899	CCCAGAGC A GAAUUUGG	11305	CCAAAUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUGGG	29680
7145	3885	UGGCGGGC A UCGUGAUA	11306	UAUCACGA CUGAUGAG GCCGUUAGGC CGAA ICCCGCCA	29681
7157	3873	UGAUAAGC C AUUUGAAA	11307	UUUCAAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAUCA	29682
7158	3872	GAUAAGCC A UUUGAAAG	11308	CUUUCAAA CUGAUGAG GCCGUUAGGC CGAA IGCUUAUC	29683
7172	3858	AAGAAAAC A GCCGCCAA	11309	UUGGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUUUCUU	29684
7175	3855	AAAACAGC C GCCAACAU	11310	AUGUUGGC CUGAUGAG GCCGUUAGGC CGAA ICUGUUUU	29685
7178	3852	ACAGCCGC C AACAUCAA	11311	UUGAUGUU CUGAUGAG GCCGUUAGGC CGAA ICGGCUGU	29686
7179	3851	CAGCCGCC A ACAUCAAC CCGCCAAC A UCAACAAA	11312	GUUGAUGU CUGAUGAG GCCGUUAGGC CGAA IGCGGCUG	29687
7182	3848	CCAACAUC A ACAAAAUG	11313	UUUGUUGA CUGAUGAG GCCGUUAGGC CGAA IUUGGCGG CAUUUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGG	29688
7188	3845 3842	ACAUCAAC A AAAUGUUC	11314	GAACAUUU CUGAUGAG GCCGUUAGGC CGAA IAUGUUGU	29689
7197	3833	AAAUGUUC U CCUGGUUG	11316	CAACCAGG CUGAUGAG GCCGUUAGGC CGAA 100GAUGU	29690 29691
7199	3831	AUGUUCUC C UGGUUGGU	11317	ACCAACCA CUGAUGAG GCCGUUAGGC CGAA IAGAACAU	
7200	3830	UGUUCUCC U GGUUGGUC	11317	GACCAACC CUGAUGAG GCCGUUAGGC CGAA TAGAACAU GACCAACC CUGAUGAG GCCGUUAGGC CGAA TAGAACAU	29692
7209	3821	GGUUGGUC C AUCUCGCU	11319		29694
7210	3820	GUUGGUCC A UCUCGCUU	11320		29695
7213	3817	GGUCCAUC U CGCUUUGA	11321		29696
7217	3813	CAUCUCGC U UUGAGAAA	11322	UUUCUCAA CUGAUGAG GCCGUUAGGC CGAA ICGAGAUG	29697
7232	3798	AACGAUGC C ACCAUAAA	11323		29698
7233	3797	ACGAUGCC A CCAUAAAC	11324	<del></del>	29699
7235	3795	GAUGCCAC C AUAAACAC	11325		29700
7236	3794	AUGCCACC A UAAACACU	11326		29701
7242	3788	CCAUAAAC A CUGGUUGU	11327		29702
7244	3786	AUAAACAC U GGUUGUAU	11328		29703
7254	3776	GUUGUAUC U UGAAGGUC	11329		29704
7265	3765	AAGGUCGC C AUGAGCGC	11330	GCGCUCAU CUGAUGAG GCCGUUAGGC CGAA ICGACCUU	29705
7266	3764	AGGUCGCC A UGAGCGCC	11331		29706
7274	3756	AUGAGCGC C AAGUGUAC	11332		29707
7275	3755	UGAGCGCC A AGUGUACC	11333	GGUACACU CUGAUGAG GCCGUUAGGC CGAA IGCGCUCA	29708
7283	3747	AAGUGUAC C ACGUCUCC	11334		29709
7284	3746	AGUGUACC A CGUCUCCU	11335	AGGAGACG CUGAUGAG GCCGUUAGGC CGAA IGUACACU	29710
7289	3741	ACCACGUC U CCUCCCGA	11336	UCGGGAGG CUGAUGAG GCCGUUAGGC CGAA IACGUGGU	29711

7291	3739	CACGUCUC C UCCCGAAU	11337	AUUCGGGA CUGAUGAG GCCGUUAGGC CGAA IAGACGUG	29712
7292	3738	ACGUCUCC U CCCGAAUU	11338	AAUUCGGG CUGAUGAG GCCGUUAGGC CGAA IGAGACGU	29713
7294	3736	GUCUCCUC C CGAAUUAG	11339	CUAAUUCG CUGAUGAG GCCGUUAGGC CGAA IAGGAGAC	29714
7295	3735	UCUCCUCC C GAAUUAGA	11340	UCUAAUUC CUGAUGAG GCCGUUAGGC CGAA IGAGGAGA	29715
7307	3723	UUAGAUUC U GCGAAAGC	11341	GCUUUCGC CUGAUGAG GCCGUUAGGC CGAA IAAUCUAA	29716
7316	3714	GCGAAAGC U GCCCCCAC	11342	GUGGGGC CUGAUGAG GCCGUUAGGC CGAA ICUUUCGC	29717
7319	3711	AAAGCUGC C CCCACCAA	11343	UUGGUGGG CUGAUGAG GCCGUUAGGC CGAA ICAGCUUU	29718
7320	3710	AAGCUGCC C CCACCAAG	11344	CUUGGUGG CUGAUGAG GCCGUUAGGC CGAA IGCAGCUU	29719
7321	3709	AGCUGCCC C CACCAAGA	11345	UCUUGGUG CUGAUGAG GCCGUUAGGC CGAA IGGCAGCU	29720
7322	3708	GCUGCCCC C ACCAAGAU	11346	AUCUUGGU CUGAUGAG GCCGUUAGGC CGAA IGGGCAGC	29721
7323	3707	CUGCCCCC A CCAAGAUG	11347	CAUCUUGG CUGAUGAG GCCGUUAGGC CGAA IGGGGCAG	29722
7325	3705	GCCCCCAC C AAGAUGAC	11348	GUCAUCUU CUGAUGAG GCCGUUAGGC CGAA IUGGGGGC	29723
7326	3704	CCCCCACC A AGAUGACA	11349	UGUCAUCU CUGAUGAG GCCGUUAGGC CGAA IGUGGGGG	29724
7334	3696	AAGAUGAC A UAGCGUAA	11350	UUACGCUA CUGAUGAG GCCGUUAGGC CGAA IUCAUCUU	29725
7344	3686	AGCGUAAC A CAUCAGUG	11351	CACUGAUG CUGAUGAG GCCGUUAGGC CGAA IUUACGCU	29726
7346	3684	CGUAACAC A UCAGUGUA	11352	UACACUGA CUGAUGAG GCCGUUAGGC CGAA IUGUUACG	29727
7349	3681	AACACAUC A GUGUAAGU	11353	ACUUACAC CUGAUGAG GCCGUUAGGC CGAA IAUGUGUU	29728
7363	3667	AGUAAUGC C CCCAAACA	11354	UGUUUGGG CUGAUGAG GCCGUUAGGC CGAA ICAUUACU	29729
7364	3666	GUAAUGCC C CCAAACAC	11355	GUGUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCAUUAC	29730
7364	3665	UAAUGCCC C CAAACACC	11356	GGUGUUUG CUGAUGAG GCCGUUAGGC CGAA IGGCAUUA	29731
7366	3664	AAUGCCCC C AAACACCA	11357	UGGUGUUU CUGAUGAG GCCGUUAGGC CGAA IGGGCAUU	29732
7367	3663	AUGCCCCC A AACACCAG	11358	CUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IGGGGCAU	29733
		CCCCAAAC A CCAGGACU	11359	AGUCCUGG CUGAUGAG GCCGUUAGGC CGAA IUUUGGGG	29734
7371	3659	CCAAACAC C AGGACUAG	11360	CUAGUCCU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGG	29735
7373	3657		11361	GCUAGUCC CUGAUGAG GCCGUUAGGC CGAA IGUGUUUG	29736
7374	3656	CAAACACC A GGACUAGC ACCAGGAC U AGCAGAGC	11361	GCUCUGCU CUGAUGAG GCCGUUAGGC CGAA IUCCUGGU	29737
7379	3651			GAUUGCUC CUGAUGAG GCCGUUAGGC CGAA ICUAGUCC	29738
7383	3647	GGACUAGC A GAGCAAUC	11363		29739
7388	3642	AGCAGAGC A AUCAGUAU	11364		29740
7392	3638	GAGCAAUC A GUAUAGCU	11365		29741
7400	3630	AGUAUAGC U GGCAUGCU	11366		
7404	3626	UAGCUGGC A UGCUGAUC	11367		29742
7408	3622	UGGCAUGC U GAUCUUGG	11368	CCAAGAUC CUGAUGAG GCCGUUAGGC CGAA ICAUGCCA GACAGCCA CUGAUGAG GCCGUUAGGC CGAA IAUCAGCA	29743
7413	3617	UGCUGAUC U UGGCUGUC	11369		29745
7418	3612	AUCUUGGC U GUCCACCU	11370	l	
7422	3608	UGGCUGUC C ACCUCUUG	11371	CAAGAGGU CUGAUGAG GCCGUUAGGC CGAA IACAGCCA	29746
7423	3607	GGCUGUCC A CCUCUUGC	11372	GCAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGACAGCC	29747
7425	3605	CUGUCCAC C UCUUGCGA	11373	UCGCAAGA CUGAUGAG GCCGUUAGGC CGAA IUGGACAG	29748
7426	3604	UGUCCACC U CUUGCGAA	11374	UUCGCAAG CUGAUGAG GCCGUUAGGC CGAA IGUGGACA	29749
7428	3602	UCCACCUC U UGCGAAGG	11375	CCUUCGCA CUGAUGAG GCCGUUAGGC CGAA IAGGUGGA	29750
7439	3591	CGAAGGAC C UCCUGGGU	11376	ACCCAGGA CUGAUGAG GCCGUUAGGC CGAA IUCCUUCG	29751
7440	3590	GAAGGACC U CCUGGGUG	11377	CACCCAGG CUGAUGAG GCCGUUAGGC CGAA IGUCCUUC	29752
7442	3588	AGGACCUC C UGGGUGGC	11378	GCCACCCA CUGAUGAG GCCGUUAGGC CGAA IAGGUCCU	29753
7443	3587	GGACCUCC U GGGUGGCC	11379		29754
7451	3579	UGGGUGGC C AAGAACAC	11380	GUGUUCUU CUGAUGAG GCCGUUAGGC CGAA ICCACCCA	29755
7452	3578	GGGUGGCC A AGAACACG	11381	CGUGUUCU CUGAUGAG GCCGUUAGGC CGAA IGCCACCC	29756
7458	3572	CCAAGAAC A CGACCAGA	11382	UCUGGUCG CUGAUGAG GCCGUUAGGC CGAA IUUCUUGG	29757
7463	3567	AACACGAC C AGAAGGCC	11383	GGCCUUCU CUGAUGAG GCCGUUAGGC CGAA IUCGUGUU	29758
7464	3566	ACACGACC A GAAGGCCC	11384	GGGCCUUC CUGAUGAG GCCGUUAGGC CGAA IGUCGUGU	29759
7471	3559	CAGAAGGC C CAACUGAA	11385	UUCAGUUG CUGAUGAG GCCGUUAGGC CGAA ICCUUCUG	29760
7472	3558	AGAAGGCC C AACUGAAA	11386	UUUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGCCUUCU	29761
7473	3557	GAAGGCCC A ACUGAAAA	11387	UUUUCAGU CUGAUGAG GCCGUUAGGC CGAA IGGCCUUC	29762
7476	3554	GGCCCAAC U GAAAAGGG	11388	CCCUUUUC CUGAUGAG GCCGUUAGGC CGAA IUUGGGCC	29763
7487	3543	AAAGGGUC A AUCAUAUC	11389	GAUAUGAU CUGAUGAG GCCGUUAGGC CGAA IACCCUUU	29764
7491	3539	GGUCAAUC A UAUCAGCA	11390	UGCUGAUA CUGAUGAG GCCGUUAGGC CGAA IAUUGACC	29765
7496	3534	AUCAUAUC A GCAUUAUA	11391	UAUAAUGC CUGAUGAG GCCGUUAGGC CGAA IAUAUGAU	29766
7499	3531	AUAUCAGC A UUAUAAGC	11392	GCUUAUAA CUGAUGAG GCCGUUAGGC CGAA ICUGAUAU	29767
7508	3522	UUAUAAGC A UUCACUUG	11393	CAAGUGAA CUGAUGAG GCCGUUAGGC CGAA ICUUAUAA	29768
7512	3518	AAGCAUUC A CUUGUGAC	11394	GUCACAAG CUGAUGAG GCCGUUAGGC CGAA IAAUGCUU	29769
7514	3516	GCAUUCAC U UGUGACUG	11395	CAGUCACA CUGAUGAG GCCGUUAGGC CGAA IUGAAUGC	29770
7521	3509	CUUGUGAC U GCACGAGG	11396	CCUCGUGC CUGAUGAG GCCGUUAGGC CGAA IUCACAAG	29771
7524	3506	GUGACUGC A CGAGGGUC	11397	GACCCUCG CUGAUGAG GCCGUUAGGC CGAA ICAGUCAC	29772
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7533 3497 CGAGGGUC U UUUCAUCA 11398 UGAUGAAA CUGAUGAG GCCGUUAGGC CGAA IACCCU	CG   29773
7538 3492 GUCUUUUC A UCAUGUCU   11399   AGACAUGA CUGAUGAG GCCGUUAGGC CGAA IAAAAG	AC 29774
7546 3484 AUCAUGUC U CUGUGGUC 11401 GACCACAG CUGAUGAG GCCGUUAGGC CGAA IACAUG	
7548 3482 CAUGUCUC U GUGGUCUG 11402 CAGACCAC CUGAUGAG GCCGUUAGGC CGAA IAGACA	
7555 3475 CUGUGGUC U GAUCUCCA 11403 UGGAGAUC CUGAUGAG GCCGUUAGGC CGAA IACCAC	
7560 3470 GUCUGAUC U CCAUACCA 11404 UGGUAUGG CUGAUGAG GCCGUUAGGC CGAA IAUCAG	AC 29779
7562 3468 CUGAUCUC C AUACCAUA 11405 UAUGGUAU CUGAUGAG GCCGUUAGGC CGAA IAGAUC	AG 29780
7563 3467 UGAUCUCC A UACCAUAC 11406 GUAUGGUA CUGAUGAG GCCGUUAGGC CGAA IGAGAU	CA 29781
7567 3463 CUCCAUAC C AUACCAAC 11407 GUUGGUAU CUGAUGAG GCCGUUAGGC CGAA IUAUGG	AG 29782
7568 3462 UCCAUACC A UACCAACA 11408 UGUUGGUA CUGAUGAG GCCGUUAGGC CGAA IGUAUG	A 29783
7572 3458 UACCAUAC C AACAGCCG 11409 CGGCUGUU CUGAUGAG GCCGUUAGGC CGAA IUAUGG	JA 29784
7573 3457 ACCAUACC A ACAGCCGC 11410 GCGGCUGU CUGAUGAG GCCGUUAGGC CGAA IGUAUG	
7576 3454 AUACCAAC A GCCGCUGU 11411 ACAGCGGC CUGAUGAG GCCGUUAGGC CGAA IUUGGU	
7579 3451 CCAACAGC C GCUGUCAG 11412 CUGACAGC CUGAUGAG GCCGUUAGGC CGAA ICUGUU	
7586 3444 CCGCUGUC A GUUUGGUA 11414 UACCAAAC CUGAUGAG GCCGUUAGGC CGAA IACAGC	
7599 3431 GGUAGCGC A GUGGUGGU 11415 ACCACCAC CUGAUGAG GCCGUUAGGC CGAA ICGCUA	
7615 3415 UAAGGUGC A GCUCCUGC 11416 GCAGGAGC CUGAUGAG GCCGUUAGGC CGAA ICACCU	JA 29791
7618 3412 GGUGCAGC U CCUGCAGC 11417 GCUGCAGG CUGAUGAG GCCGUUAGGC CGAA ICUGCA	CC 29792
7620 3410 UGCAGCUC C UGCAGCAC 11418 GUGCUGCA CUGAUGAG GCCGUUAGGC CGAA IAGCUG	CA 29793
7621 3409 GCAGCUCC U GCAGCACC 11419 GGUGCUGC CUGAUGAG GCCGUUAGGC CGAA IGAGCU	3C 29794
7624 3406 GCUCCUGC A GCACCAAU 11420 AUUGGUGC CUGAUGAG GCCGUUAGGC CGAA ICAGGA	3C 29795
7627 3403 CCUGCAGC A CCAAUCUG 11421 CAGAUUGG CUGAUGAG GCCGUUAGGC CGAA ICUGCA	3G 29796
7629 3401 UGCAGCAC C AAUCUGUU 11422 AACAGAUU CUGAUGAG GCCGUUAGGC CGAA IUGCUG	CA 29797
7630 3400 GCAGCACC A AUCUGUUA 11423 UAACAGAU CUGAUGAG GCCGUUAGGC CGAA IGUGCU	
7634 3396 CACCAAUC U GUUAUCAA 11424 UUGAUAAC CUGAUGAG GCCGUUAGGC CGAA IAUUGG	
7641 3389 CUGUUAUC A ACUUUCCG 11425 CGGAAAGU CUGAUGAG GCCGUUAGGC CGAA IAUAAC	
7644 3386 UUAUCAAC U UUCCGCUC 11426 GAGCGGAA CUGAUGAG GCCGUUAGGC CGAA IUUGAU	
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7653 3377 UUCCGCUC U CUGUGGUG 11429 CACCACAG CUGAUGAG GCCGUUAGGC CGAA IAGCGG	
7655 3375 CCGCUCUC U GUGGUGGU 11430 ACCACCAC CUGAUGAG GCCGUUAGGC CGAA IAGAGC	
7673 3357 CGAGUGGC A GGUCCACG 11431 CGUGGACC CUGAUGAG GCCGUUAGGC CGAA ICCACU	
7678 3352 GGCAGGUC C ACGGUGUC 11432 GACACCGU CUGAUGAG GCCGUUAGGC CGAA IACCUG	
7679 3351 GCAGGUCC A CGGUGUCC 11433 GGACACCG CUGAUGAG GCCGUUAGGC CGAA IGACCU	GC 29808
7687 3343 ACGGUGUC C GCAGCUCU 11434 AGAGCUGC CUGAUGAG GCCGUUAGGC CGAA IACACO	3U 29809
7690 3340 GUGUCCGC A GCUCUCAC 11435 GUGAGAGC CUGAUGAG GCCGUUAGGC CGAA ICGGAC	AC 29810
7693 3337 UCCGCAGC U CUCACUCA 11436 UGAGUGAG CUGAUGAG CCCGUUAGGC CGAA ICUGCG	3A 29811
7695 3335 CGCAGCUC U CACUCAGG 11437 CCUGAGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUG	G 29812
7697 3333 CAGCUCUC A CUCAGGGU 11438 ACCCUGAG CUGAUGAG GCCGUUAGGC CGAA IAGAGC	JG 29813
7699 3331 GCUCUCAC U CAGGGUGA 11439 UCACCCUG CUGAUGAG GCCGUUAGGC CGAA IUGAGA	3C 29814
7701 3329 UCUCACUC A GGGUGACC 11440 GGUCACCC CUGAUGAG GCCGUUAGGC CGAA IAGUGA	
7709 3321 AGGGUGAC C GUAGUUCC 11441 GGAACUAC CUGAUGAG GCCGUUAGGC CGAA IUCACC	
7717 3313 CGUAGUUC C UGGGCAGU 11442 ACUGCCCA CUGAUGAG GCCGUUAGGC CGAA IAACUA	
7736 3294 UCGAAGUC A AUCUCUAC 11445 GUAGAGAU CUGAUGAG GCCGUUAGGC CGAA IACUUC	
7740 3290 AGUCAAUC U CUACCCGG 11446 CCGGGUAG CUGAUGAG GCCGUUAGGC CGAA IAUUGA	
7742 3288 UCAAUCUC U ACCCGGCC 11447 GGCCGGGU CUGAUGAG GCCGUUAGGC CGAA IAGAUU	
7745 3285 AUCUCUAC C CGGCCUUC 11448 GAAGGCCG CUGAUGAG GCCGUUAGGC CGAA IUAGAG	AU 29823
7746 3284 UCUCUACC C GGCCUUCG 11449 CGAAGGCC CUGAUGAG GCCGUUAGGC CGAA IGUAGA	A 29824
7750 3280 UACCCGGC C UUCGUCCC 11450 GGGACGAA CUGAUGAG GCCGUUAGGC CGAA ICCGGG	JA 29825
7751 3279 ACCCGGCC U UCGUCCCA 11451 UGGGACGA CUGAUGAG GCCGUUAGGC CGAA IGCCGG	3U 29826
7757 3273 CCUUCGUC C CAUGGGCC 11452 GGCCCAUG CUGAUGAG GCCGUUAGGC CGAA IACGAA	G 29827
7758 3272 CUUCGUCC C AUGGGCCC 11453 GGGCCCAU CUGAUGAG GCCGUUAGGC CGAA IGACGA	
7759 3271 UUCGUCCC A UGGGCCCU 11454 AGGGCCCA CUGAUGAG GCCGUUAGGC CGAA IGGACG	
7765 3265 CCAUGGGC C CUGGUUUU 11455 AAAACCAG CUGAUGAG GCCGUUAGGC CGAA ICCCAU	
7766 3264 CAUGGGCC C UGGUUUUG 11456 CAAAACCA CUGAUGAG GCCGUUAGGC CGAA IGCCCAI	
7779 3251 UUUGUGUC U UGUACCCA 11458 UGGGUACA CUGAUGAG GCCGUUAGGC CGAA IACACA	A 29833

7785	3245	UCUUGUAC C CAGGUCUC	11459	GAGACCUG CUGAUGAG GCCGUUAGGC CGAA IUACAAGA	29834
7786	3244	CUUGUACC C AGGUCUCC	11460	GGAGACCU CUGAUGAG GCCGUUAGGC CGAA IGUACAAG	29835
7787	3243	UUGUACCC A GGUCUCCG	11461	CGGAGACC CUGAUGAG GCCGUUAGGC CGAA IGGUACAA	29836
7792	3238	CCCAGGUC U CCGAUUGU	11462	ACAAUCGG CUGAUGAG GCCGUUAGGC CGAA IACCUGGG	29837
7794	3236	CAGGUCUC C GAUUGUGA	11463	UCACAAUC CUGAUGAG GCCGUUAGGC CGAA IAGACCUG	29838
7807	3233	GUGAUUGC U UCGUGGUC	11464	GACCACGA CUGAUGAG GCCGUUAGGC CGAA ICAAUCAC	29839
7816	3214	UCGUGGUC C CGCCAGUG	11465	CACUGGCG CUGAUGAG GCCGUUAGGC CGAA IACCACGA	29840
7817	3214	CGUGGUCC C GCCAGUGU	11466	ACACUGGC CUGAUGAG GCCGUUAGGC CGAA IGACCACG	29841
	3213	GGUCCCGC C AGUGUGAC	11467	GUCACACU CUGAUGAG GCCGUUAGGC CGAA ICGGGACC	29842
7820 7821	3210	GUCCCGCC A GUGUGACU	11468	AGUCACAC CUGAUGAG GCCGUUAGGC CGAA IGCGGGAC	29843
7829	3203	AGUGUGAC U GGUAUUAU	11469	AUAAUACC CUGAUGAG GCCGUUAGGC CGAA IUCACACU	29844
7839	3191	GUAUUAUC A AGUCACUC	11470	GAGUGACU CUGAUGAG GCCGUUAGGC CGAA IAUAAUAC	29845
7844	3191	AUCAAGUC A CUCUCAAG	11471	CUUGAGAG CUGAUGAG GCCGUUAGGC CGAA IACUUGAU	29846
7846	3184	CAAGUCAC U CUCAAGGA	11472	UCCUUGAG CUGAUGAG GCCGUUAGGC CGAA IUGACUUG	29847
7848	3182	AGUCACUC U CAAGGAUU	11473	AAUCCUUG CUGAUGAG GCCGUUAGGC CGAA IAGUGACU	29848
	3182	UCACUCUC A AGGAUUCC	11474	GGAAUCCU CUGAUGAG GCCGUUAGGC CGAA IAGAGUGA	29849
7850 7858	3172	AAGGAUUC C AUCGCCCC	11475	GGGGCGAU CUGAUGAG GCCGUUAGGC CGAA IAAUCCUU	29850
		AGGAUUCC A UCGCCCCA	11476	UGGGGCGA CUGAUGAG GCCGUUAGGC CGAA IGAAUCCU	29851
7859	3171		11477	CCUUGUGG CUGAUGAG GCCGUUAGGC CGAA ICGAUGGA	29852
7864	3166		11477	ACCUUGUG CUGAUGAG GCCGUUAGGC CGAA IGCGAUGG	29853
7865	3165	CAUCGCC C ACAAGGU	11478	UACCUUGU CUGAUGAG GCCGUUAGGC CGAA IGCGAUG	29854
7866	3164	CAUCGCCC C ACAAGGUAU	114/9	AUACCUUG CUGAUGAG GCCGUUAGGC CGAA IGGCGAU	29855
7867	3163		11480	GCAUACCU CUGAUGAG GCCGUUAGGC CGAA IUGGGGCG	29856
7869	3161			GUGGCCUG CUGAUGAG GCCGUUAGGC CGAA IACGCAUA	29857
7881	3149	UAUGCGUC U CAGGCCAC	11482	ACGUGGCC CUGAUGAG GCCGUUAGGC CGAA IAGACGCA	29858
7883	3147	UGCGUCUC A GGCCACGU UCUCAGGC C ACGUACAU	11483	AUGUACGU CUGAUGAG GCCGUUAGGC CGAA ICCUGAGA	29859
7887	3143			CAUGUACG CUGAUGAG GCCGUUAGGC CGAA ICCCUGAG	29860
7888	3142	CUCAGGCC A CGUACAUG	11485	UCAAAUCA CUGAUGAG GCCGUUAGGC CGAA IUACGUGG	29861
7894	3136	CCACGUAC A UGAUUUGA	11486	CUGGGUGA CUGAUGAG GCCGUUAGGC CGAA IUCAAAUC	29862
7904	3126	GAUUUGAC U UCACCCAG	11487		29863
7907	3123	UUGACUUC A CCCAGAAC	11488		29864
7909	3121	GACUUCAC C CAGAACUG	11489		29865
7910	3120	ACUUCACC C AGAACUGC	11490		29866
7911	3119	CUUCACCC A GAACUGCC	11491	GGCAGUUC CUGAUGAG GCCGUUAGGC CGAA IGGUGAAG GAAAGGGC CUGAUGAG GCCGUUAGGC CGAA IUUCUGGG	29867
7916	3114	CCCAGAAC U GCCCUUUC	11492		29868
7919	3111	GAACUGC C UUUCAAG	11493	CUUGAAA CUGAUGAG GCCGUUAGGC CGAA ICAGUUCU GCUUGAAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUUC	29869
7920	3110	AACUGCCC U UUCAAGCU	11494	AGCUUGAA CUGAUGAG GCCGUUAGGC CGAA IGCAGUU	29870
7921	3109	GCCCUUUC A AGCUUCCA		UGGAAGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGGGC	29871
7925	3105	UUUCAAGC U UCCACGUA	11496	UACGUGGA CUGAUGAG GCCGUUAGGC CGAA ICUUGAAA	29872
7929	3101		11497	UGAUACGU CUGAUGAG GCCGUUAGGC CGAA IAAGCUUG	29873
7932	3098	CAAGCUUC C ACGUAUCAU AAGCUUCC A CGUAUCAU			29874
7933	3097		11499		29875
7940	3090	CACGUAUC A UUGAGCCU	11500		
7947	3083	CAUUGAGC C UGCUUUCA	11501	UGAAAGCA CUGAUGAG GCCGUUAGGC CGAA ICUCAAUG	29876 29877
7948	3082	AUUGAGCC U GCUUUCAA	11502	UUGAAAGC CUGAUGAG GCCGUUAGGC CGAA IGCUCAAU	29877
7951	3079	GAGCCUGC U UUCAAUCC	11503	GGAUUGAA CUGAUGAG GCCGUUAGGC CGAA ICAGGCUC	29878
7955	3075	CUGCUUUC A AUCCAAUA	11504	UAUUGGAU CUGAUGAG GCCGUUAGGC CGAA IAAAGCAG GUCCUAUU CUGAUGAG GCCGUUAGGC CGAA IAUUGAAA	
7959	3071	UUUCAAUC C AAUAGGACA UUCAAUCC A AUAGGACA	11505	UGUCCUAU CUGAUGAG GCCGUUAGGC CGAA IADUGAAA  UGUCCUAU CUGAUGAG GCCGUUAGGC CGAA IGAUUGAA	29880 29881
7960	3070	AAUAGGAC A GGUCACUG	11506	CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IGAUGAA  CAGUGACC CUGAUGAG GCCGUUAGGC CGAA IUCCUAUU	29882
7968	3062		11507	AUCCACAG CUGAUGAG GCCGUUAGGC CGAA IOCCUGUC	
7973	3057	GACAGGUC A CUGUGGAU	11508	CGAUCCAC CUGAUGAG GCCGUUAGGC CGAA IACCUGUC	29883
7975	3055	CAGGUCAC U GUGGAUCG	11509	AACAACUU CUGAUGAG GCCGUUAGGC CGAA ICGAUCCA	
7985	3045	UGGAUCGC C AAGUUGUU	11510	GAACAACUU CUGAUGAG GCCGUUAGGC CGAA ICGAUCCA	29885
7986	3044	GGAUCGCC A AGUUGUUC	11511		29886
7995	3035	AGUUGUUC U UGACAGCC	11512	GGCUGUCA CUGAUGAG GCCGUUAGGC CGAA IAACAACU	29887
8000	3030	UUCUUGAC A GCCGUUCC	11513	GGAACGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAGAA	29888
8003	3027	UUGACAGC C GUUCCAAU	11514	AUUGGAAC CUGAUGAG GCCGUUAGGC CGAA ICUGUCAA	29889
8008	3022	AGCCGUUC C AAUGAUCU	11515	AGAUCAUU CUGAUGAG GCCGUUAGGC CGAA IAACGGCU	29890
8009	3021	GCCGUUCC A AUGAUCUU	11516	AAGAUCAU CUGAUGAG GCCGUUAGGC CGAA IGAACGGC	29891
8016	3014	CAAUGAUC U UCGAGUCA	11517	UGACUCGA CUGAUGAG GCCGUUAGGC CGAA IAUCAUUG	29892
8024	3006	UUCGAGUC A CAUUCAGU	11518	ACUGAAUG CUGAUGAG GCCGUUAGGC CGAA IACUCGAA	29893
8026	3004	CGAGUCAC A UUCAGUUG	11519	CAACUGAA CUGAUGAG GCCGUUAGGC CGAA IUGACUCG	29894

				Table IX	
8030	3000	UCACAUUC A GUUGUGUU	11520	AACACAAC CUGAUGAG GCCGUUAGGC CGAA IAAUGUGA	29895
8041	2989	UGUGUUGC U CUCUCUGA	11521	UCAGAGAG CUGAUGAG GCCGUUAGGC CGAA ICAACACA	29896
8043	2987	UGUUGCUC U CUCUGACC	11522	GGUCAGAG CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	29897
8045	2985	UUGCUCUC U CUGACCUU	11523	AAGGUCAG CUGAUGAG GCCGUUAGGC CGAA IAGAGCAA	29898
8047	2983	GCUCUCUC U GACCUUCA	11524	UGAAGGUC CUGAUGAG GCCGUUAGGC CGAA IAGAGAGC	29899
8051	2979	UCUCUGAC C UUCAGGAA	11525	UUCCUGAA CUGAUGAG GCCGUUAGGC CGAA IUCAGAGA	29900
8052	2978	CUCUGACC U UCAGGAAC	11526	GUUCCUGA CUGAUGAG GCCGUUAGGC CGAA IGUCAGAG	29901
8055	2975	UGACCUUC A GGAACAUC	11527	GAUGUUCC CUGAUGAG GCCGUUAGGC CGAA IAAGGUCA	29902
8061	2969	UCAGGAAC A UCCGAGUG	11528	CACUCGGA CUGAUGAG GCCGUUAGGC CGAA IUUCCUGA	29903
8064	2966	GGAACAUC C GAGUGCUG	11529	CAGCACUC CUGAUGAG GCCGUUAGGC CGAA IAUGUUCC	29904
8071	2959	CCGAGUGC U GGUGAGAC	11530	GUCUCACC CUGAUGAG GCCGUUAGGC CGAA ICACUCGG	29905
8080	2950	GGUGAGAC C AAAUCCAA	11531	UUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IUCUCACC	29906
8081	2949	GUGAGACC A AAUCCAAA	11532	UJUGGAUU CUGAUGAG GCCGUUAGGC CGAA IGUCUCAC	29907
8086	2944	ACCAAAUC C AAAAUCCU	11533	AGGAUUUU CUGAUGAG GCCGUUAGGC CGAA IAUUUGGU	29908
8087	2943	CCAAAUCC A AAAUCCUC	11534	GAGGAUUU CUGAUGAG GCCGUUAGGC CGAA IGAUUUGG	29909
8093	2937	CCAAAAUC C UCCACUUC	11535	GAAGUGGA CUGAUGAG GCCGUUAGGC CGAA IAUUUUGG	29910
	2936	CAAAAUCC U CCACUUCU	11536	AGAAGUGG CUGAUGAG GCCGUUAGGC CGAA IGAUUUUG	29911
8094		AAAUCCUC C ACUUCUAA	11537	UUAGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGGAUUU	29912
8096 8097	2934 2933	AAAUCCUCC A CUUCUAAG	11538	CUUAGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGGAUU	29913
8097	2933	UCCUCCAC U UCUAAGCU	11539	AGCUUAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGGA	29914
8102	2931	UCCACUUC U AAGCUAUU	11540	AAUAGCUU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	29915
		UUCUAAGC U AUUCCAAG	11541	CUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICUUAGAA	29916
8107	2923	AGCUAUUC C AAGCGCGA	11541	UCGCGCUU CUGAUGAG GCCGUUAGGC CGAA IAAUAGCU	29917
8112	2918	GCUAUUCC A AGCGCGAU	11543	AUCGCGCU CUGAUGAG GCCGUUAGGC CGAA IGAAUAGC	29918
8113	2917	CGCGAUUC U GAGUCGGA	11543	UCCGACUC CUGAUGAG GCCGUUAGGC CGAA IAAUCGCG	29919
8124	2906		11545	CCAAGGAA CUGAUGAG GCCGUUAGGC CGAA IUCCGACU	29920
8134	2896	AGUCGGAC A UUCCUUGG GGACAUUC C UUGGUCUC		GAGACCAA CUGAUGAG GCCGUUAGGC CGAA IAAUGUCC	29921
8138	2892		11546	GAGACCAA CUGAUGAG GCCGUUAGGC CGAA IGAAUGUC	29922
8139	2891	GACAUUCC U UGGUCUCC	11547	UGGUCCGG CUGAUGAG GCCGUUAGGC CGAA IACCAAGG	29923
8145	2885	CCUUGGUC U CCGGACCA	11548	GAUGGUCC CUGAUGAG GCCGUUAGGC CGAA IACCAAGG	29924
8147	2883	UUGGUCUC C GGACCAUC	11549	UGGUUGAU CUGAUGAG GCCGUUAGGC CGAA IACACAA	29925
8152	2878	CUCCGGAC C AUCAACCA	11550	GUGGUUGA CUGAUGAG GCCGUUAGGC CGAA IGUCCGGA	29926
8153	2877	UCCGGACC A UCAACCAC	11551	UUUGUGGU CUGAUGAG GCCGUUAGGC CGAA IAUGGUCC	29927
8156	2874	GGACCAUC A ACCACAAA	11552	ACCUUUGU CUGAUGAG GCCGUUAGGC CGAA IUUGAUGG	29928
8159	2871	CCAUCAAC C ACAAAGGU		CACCULUG CUGAUGAG GCCGUUAGGC CGAA IGUUGAUG	29929
8160	2870	CAUCAACC A CAAAGGUG	11554	AACACCUU CUGAUGAG GCCGUUAGGC CGAA IUGGUUGA	29930
8162	2868	UCAACCAC A AAGGUGUU	11555	UUUGCACC CUGAUGAG GCCGUUAGGC CGAA IAACUCGC	29931
8183	2847	GCGAGUUC U GGUGCAAA	11556	AUUUUAUU CUGAUGAG GCCGUUAGGC CGAA ICACCAGA	29932
8189	2841	UCUGGUGC A AAUAAAAU	11557	GGGGAAAG CUGAUGAG GCCGUUAGGC CGAA IUAUUUUA	29933
8200	2830	UAAAAUAC U CUUUCCCC	11558		29934
8202	2828	AAAUACUC U UUCCCCAG	11559	CUGGGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUAUUU	
8206	2824	ACUCUUUC C CCAGGCCU	11560	AGGCCUGG CUGAUGAG GCCGUUAGGC CGAA IAAAGAGU	29935
8207	2823	CUCUUUCC C CAGGCCUU	11561	AAGGCCUG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAG	
8208	2822	UCUUUCCC C AGGCCUUC	11562	GAAGGCCU CUGAUGAG GCCGUUAGGC CGAA IGGAAAGA	29937
8209	2821	CUUUCCCC A GGCCUUCC	11563	GGAAGGCC CUGAUGAG GCCGUUAGGC CGAA IGGGAAAG	29938
8213	2817	CCCCAGGC C UUCCAGCC	11564	GGCUGGAA CUGAUGAG GCCGUUAGGC CGAA ICCUGGGG	29939
8214	2816	CCCAGGCC U UCCAGCCA	11565		29940
8217	2813	AGGCCUUC C AGCCAAUU	11566	AAUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAAGGCCU	29941
8218	2812	GGCCUUCC A GCCAAUUU	11567	AAAUUGGC CUGAUGAG GCCGUUAGGC CGAA IGAAGGCC	29942
8221	2809	CUUCCAGC C AAUUUCCA	11568	UGGAAAUU CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG	29943
8222	2808	UUCCAGCC A AUUUCCAA	11569		29944
8228	2802	CCAAUUUC C AAUUUUUC	11570		29945
8229	2801	CAAUUUCC A AUUUUUCC	11571		29946
8237	2793	AAUUUUUC C GUGGUGGC	11572		29947
8264	2766	UUAGGUGC U GACUUGUA	11573	<u> </u>	29948
8268	2762	GUGCUGAC U UGUACAUU	11574		29949
8274	2756	ACUUGUAC A UUCCCUCC			29950
8278	2752	GUACAUUC C CUCCUGUU	11576		29951
8279	2751	UACAUUCC C UCCUGUUU	11577		29952
8280	2750	ACAUUCCC U CCUGUUUC	11578	GAAACAGG CUGAUGAG GCCGUUAGGC CGAA IGGAAUGU	29953
8282	2748	AUUCCCUC C UGUUUCUC	11579		29954
8283	2747	UUCCCUCC U GUUUCUCA	11580	UGAGAAAC CUGAUGAG GCCGUUAGGC CGAA IGAGGGAA	29955

				TANAGAGE TANAGAGE TANAGAGE	29956
8289	2741	CCUGUUUC U CAACCACG	11581	CGUGGUUG CUGAUGAG GCCGUUAGGC CGAA IAAACAGG	
8291	2739	UGUUUCUC A ACCACGAC	11582	GUCGUGGU CUGAUGAG GCCGUUAGGC CGAA IAGAAACA	29957
8294	2736	UUCUCAAC C ACGACACU	11583	AGUGUCGU CUGAUGAG GCCGUUAGGC CGAA IUUGAGAA	29958
8295	2735	UCUCAACC A CGACACUA	11584	UAGUGUCG CUGAUGAG GCCGUUAGGC CGAA IGUUGAGA	29959
8300	2730	ACCACGAC A CUAAGGUC	11585	GACCUUAG CUGAUGAG GCCGUUAGGC CGAA IUCGUGGU	29960
8302	2728	CACGACAC U AAGGUCCA	11586	UGGACCUU CUGAUGAG GCCGUUAGGC CGAA IUGUCGUG	29961
8309	2721	CUAAGGUC C ACACCAUU	11587	AAUGGUGU CUGAUGAG GCCGUUAGGC CGAA IACCUUAG	29962
8310	2720	UAAGGUCC A CACCAUUC	11588	GAAUGGUG CUGAUGAG GCCGUUAGGC CGAA IGACCUUA	29963
8312	2718	AGGUCCAC A CCAUUCUC	11589	GAGAAUGG CUGAUGAG GCCGUUAGGC CGAA IUGGACCU	29964
8314	2716	GUCCACAC C AUUCUCCU	11590	AGGAGAAU CUGAUGAG GCCGUUAGGC CGAA IUGUGGAC	29965
8315	2715	UCCACACC A UUCUCCUU	11591	AAGGAGAA CUGAUGAG GCCGUUAGGC CGAA IGUGUGGA	29966
8319	2711	CACCAUUC U CCUUCAAA	11592	UUUGAAGG CUGAUGAG GCCGUUAGGC CGAA IAAUGGUG	29967
8321	2709	CCAUUCUC C UUCAAAAG	11593	CUUUUGAA CUGAUGAG GCCGUUAGGC CGAA IAGAAUGG	29968
8322	2708	CAUUCUCC U UCAAAAGA	11594	UCUUUUGA CUGAUGAG GCCGUUAGGC CGAA IGAGAAUG	29969
8325	2705	UCUCCUUC A AAAGAGUG	11595	CACUCUUU CUGAUGAG GCCGUUAGGC CGAA IAAGGAGA	29970
8337	2693	GAGUGUUC A GCUCGUCC	11596	GGACGAGC CUGAUGAG GCCGUUAGGC CGAA IAACACUC	29971
8340	2690	UGUUCAGC U CGUCCUUC	11597	GAAGGACG CUGAUGAG GCCGUUAGGC CGAA ICUGAACA	29972
8345	2685	AGCUCGUC C UUCACUGC	11598	GCAGUGAA CUGAUGAG GCCGUUAGGC CGAA IACGAGCU	29973
8346	2684	GCUCGUCC U UCACUGCU	11599	AGCAGUGA CUGAUGAG GCCGUUAGGC CGAA IGACGAGC	29974
8349	2681	CGUCCUUC A CUGCUUCC	11600	GGAAGCAG CUGAUGAG GCCGUUAGGC CGAA IAAGGACG	29975
8351	2679	UCCUUCAC U GCUUCCCA	11601	UGGGAAGC CUGAUGAG GCCGUUAGGC CGAA IUGAAGGA	29976
8354	2676	UUCACUGC U UCCCACAU	11602	AUGUGGGA CUGAUGAG GCCGUUAGGC CGAA ICAGUGAA	29977
8357	2673	ACUGCUUC C CACAUUUG	11603	CAAAUGUG CUGAUGAG GCCGUUAGGC CGAA IAAGCAGU	29978
8358	2672	CUGCUUCC C ACAUUUGA	11604	UCAAAUGU CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	29979
8359	2671	UGCUUCCC A CAUUUGAU	11605	AUCAAAUG CUGAUGAG GCCGUUAGGC CGAA IGGAAGCA	29980
8361	2669	CUUCCCAC A UUUGAUGC	11606	GCAUCAAA CUGAUGAG GCCGUUAGGC CGAA IUGGGAAG	29981
8370	2660	UUUGAUGC U CCAGUCUG	11607	CAGACUGG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAA	29982
8372	2658	UGAUGCUC C AGUCUGGA	11608	UCCAGACU CUGAUGAG GCCGUUAGGC CGAA IAGCAUCA	29983
8373	2657	GAUGCUCC A GUCUGGAA	11609	UUCCAGAC CUGAUGAG GCCGUUAGGC CGAA IGAGCAUC	29984
8377	2653	CUCCAGUC U GGAAACUG	11610	CAGUUUCC CUGAUGAG GCCGUUAGGC CGAA IACUGGAG	29985
8384	2646	CUGGAAAC U GAUCGUAG	11611	CUACGAUC CUGAUGAG GCCGUUAGGC CGAA IUUUCCAG	29986
8395	2635	UCGUAGAC C GCACACUC	11612	GAGUGUGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGA	29987
8398	2632	UAGACCGC A CACUCCUU	11613	AAGGAGUG CUGAUGAG GCCGUUAGGC CGAA ICGGUCUA	29988
8400	2630	GACCGCAC A CUCCUUCC	11614	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUGCGGUC	29989
8402	2628	CCGCACAC U CCUUCCUU	11615	AAGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUGCGG	29990
8404	2626	GCACACUC C UUCCUUAU	11616	AUAAGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUGC	29991
8405	2625	CACACUCC U UCCUUAUG	11617	CAUAAGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUG	29992
8408	2622	ACUCCUUC C UUAUGAGC	11618	GCUCAUAA CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	29993
8409	2621	CUCCUUCC U UAUGAGCU	11619	AGCUCAUA CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	29994
8417	2613	UUAUGAGC U UUCUGAAU	11620	AUUCAGAA CUGAUGAG GCCGUUAGGC CGAA ICUCAUAA	29995
8421	2609	GAGCUUUC U GAAUGAUC	11621	GAUCAUUC CUGAUGAG GCCGUUAGGC CGAA IAAAGCUC	29996
8430	2600	GAAUGAUC U UGGCUAGG	11622	CCUAGCCA CUGAUGAG GCCGUUAGGC CGAA LAUCAUUC	29997
8435	2595	AUCUUGGC U AGGCCUUG	11623	CAAGGCCU CUGAUGAG GCCGUUAGGC CGAA ICCAAGAU	29998
8440	2590	GGCUAGGC C UUGUGGCG	11624	CGCCACAA CUGAUGAG GCCGUUAGGC CGAA ICCUAGCC	29999
8441	2589	GCUAGGCC U UGUGGCGU	11625	ACGCCACA CUGAUGAG GCCGUUAGGC CGAA IGCCUAGC	30000
8453	2577	GGCGUUUC A GGGUAAUA	11626	UAUUACCC CUGAUGAG GCCGUUAGGC CGAA IAAACGCC	30001
8463	2567	GGUAAUAC U UGUACCGG	11627	CCGGUACA CUGAUGAG GCCGUUAGGC CGAA IUAUUACC	30002
8469	2561	ACUUGUAC C GGUCCAUC	11628	GAUGGACC CUGAUGAG GCCGUUAGGC CGAA IUACAAGU	30003
8474	2556	UACCGGUC C AUCCAAGC	11629	GCUUGGAU CUGAUGAG GCCGUUAGGC CGAA IACCGGUA	30004
8475	2555	ACCGGUCC A UCCAAGCC	11630	GGCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGACCGGU	30005
8478	2552	GGUCCAUC C AAGCCUCC	11631	GGAGGCUU CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	30006
8479	2551	GUCCAUCC A AGCCUCCA	11632	UGGAGGCU CUGAUGAG GCCGUUAGGC CGAA IGAUGGAC	30007
8483	2547	AUCCAAGC C UCCACAUC	11633	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA ICUUGGAU	30008
8484	2546	UCCAAGCC U CCACAUCA	11634		30009
8486	2544	CAAGCCUC C ACAUCAUU	11635		30010
8487	2543	AAGCCUCC A CAUCAUUG	11636		30011
8489	2541	GCCUCCAC A UCAUUGUG	11637		30012
8492	2538	UCCACAUC A UUGUGUAU	11638		30013
8505	2525	GUAUGAAC A CUCCACUU	11639		30014
8507	2523	AUGAACAC U CCACUUCC	11640		30015
8509	2521	GAACACUC C ACUUCCAC	11641	GUGGAAGU CUGAUGAG GCCGUUAGGC CGAA IAGUGUUC	30016
13303	1	, and the state of	1	1	<del></del>

Table IX

<u> </u>	5500	AACACUCC A CUUCCACA	11642	UGUGGAAG CUGAUGAG GCCGUUAGGC CGAA IGAGUGUU	30017
8510	2520	CACUCCAC U UCCACAUC	11643	GAUGUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGAGUG	30018
8512	2518	UCCACUUC C ACAUCUCA	11644	UGAGAUGU CUGAUGAG GCCGUUAGGC CGAA IAAGUGGA	30019
8515	2515	CCACUUCC A CAUCUCAG	11645	CUGAGAUG CUGAUGAG GCCGUUAGGC CGAA IGAAGUGG	30020
8516	2514			AGCUGAGA CUGAUGAG GCCGUUAGGC CGAA IUGGAAGU	30021
8518	2512	ACUUCCAC A UCUCAGCU	11646	AAGAGCUG CUGAUGAG GCCGUUAGGC CGAA IAUGUGGA	30022
8521	2509	UCCACAUC U CAGCUCUU	11647		
8523	2507	CACAUCUC A GCUCUUGC	11648	GCAAGAGC CUGAUGAG GCCGUUAGGC CGAA IAGAUGUG	30023
8526	2504	AUCUCAGC U CUUGCCGG	11649	CCGGCAAG CUGAUGAG GCCGUUAGGC CGAA ICUGAGAU	30024
8528	2502	CUCAGCUC U UGCCGGCU	11650	AGCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCUGAG	30025
8532	2498	GCUCUUGC C GGCUGAUG	11651	CAUCAGCC CUGAUGAG GCCGUUAGGC CGAA ICAAGAGC	30026
8536	2494	UUGCCGGC U GAUGUCUA	11652	UAGACAUC CUGAUGAG GCCGUUAGGC CGAA ICCGGCAA	30027
8543	2487	CUGAUGUC U AUGGCACA	11653	UGUGCCAU CUGAUGAG GCCGUUAGGC CGAA IACAUCAG	30028
8549	2481	UCUAUGGC A CACCCAGU	11654	ACUGGGUG CUGAUGAG GCCGUUAGGC CGAA ICCAUAGA	30029
8551	2479	UAUGGCAC A CCCAGUGU	11655	ACACUGGG CUGAUGAG GCCGUUAGGC CGAA IUGCCAUA	30030
8553	2477	UGGCACAC C CAGUGUCA	11656	UGACACUG CUGAUGAG GCCGUUAGGC CGAA IUGUGCCA	30031
8554	2476	GGCACACC C AGUGUCAG	11657	CUGACACU CUGAUGAG GCCGUUAGGC CGAA IGUGUGCC	30032
8555	2475	GCACACCC A GUGUCAGC	11658	GCUGACAC CUGAUGAG GCCGUUAGGC CGAA IGGUGUGC	30033
8561	2469	CCAGUGUC A GCGUGCAC	11659	GUGCACGC CUGAUGAG GCCGUUAGGC CGAA IACACUGG	30034
8568	2462	CAGCGUGC A CGUUCACG	11660	CGUGAACG CUGAUGAG GCCGUUAGGC CGAA ICACGCUG	30035
8574	2456	GCACGUUC A CGGAGAGG	11661	CCUCUCCG CUGAUGAG GCCGUUAGGC CGAA IAACGUGC	30036
8589	2441	GGAAGAGC A GAACUCCU	11662	AGGAGUUC CUGAUGAG GCCGUUAGGC CGAA ICUCUUCC	30037
8594	2436	AGCAGAAC U CCUCCAAC	11663	GUUGGAGG CUGAUGAG GCCGUUAGGC CGAA IUUCUGCU	30038
8596	2434	CAGAACUC C UCCAACUG	11664	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IAGUUCUG	30039
8597	2433	AGAACUCC U CCAACUGC	11665	GCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGAGUUCU	30040
8599	2431	AACUCCUC C AACUGCGA	11666	UCGCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAGUU	30041
8600	2430	ACUCCUCC A ACUGCGAG	11667	CUCGCAGU CUGAUGAG GCCGUUAGGC CGAA IGAGGAGU	30042
8603	2427	CCUCCAAC U GCGAGAAA	11668	UUUCUCGC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30043
8621	2409	GUGAGAGC U AUGGACCU	11669	AGGUCCAU CUGAUGAG GCCGUUAGGC CGAA ICUCUCAC	30044
8628	2402	CUAUGGAC C UAUCACGA	11670	UCGUGAUA CUGAUGAG GCCGUUAGGC CGAA IUCCAUAG	30045
8629	2401	UAUGGACC U AUCACGAG	11671	CUCGUGAU CUGAUGAG GCCGUUAGGC CGAA IGUCCAUA	30046
8633	2397	GACCUAUC A CGAGCAUU	11672	AAUGCUCG CUGAUGAG GCCGUUAGGC CGAA IAUAGGUC	30047
8639	2391	UCACGAGC A UUGAUGCC	11673	GGCAUCAA CUGAUGAG GCCGUUAGGC CGAA ICUCGUGA	30048
8647	2383	AUUGAUGC C CAUCCACA	11674	UGUGGAUG CUGAUGAG GCCGUUAGGC CGAA ICAUCAAU	30049
8648	2382	UUGAUGCC C AUCCACAA	11675	UUGUGGAU CUGAUGAG GCCGUUAGGC CGAA IGCAUCAA	30050
8649	2381	UGAUGCCC A UCCACAAC	11676	GUUGUGGA CUGAUGAG GCCGUUAGGC CGAA IGGCAUCA	30051
8652	2378	UGCCCAUC C ACAACAGG	11677	CCUGUUGU CUGAUGAG GCCGUUAGGC CGAA IAUGGGCA	30052
8653	2377	GCCCAUCC A CAACAGGA	11678	UCCUGUUG CUGAUGAG GCCGUUAGGC CGAA IGAUGGGC	30053
8655	2375	CCAUCCAC A ACAGGAGA	11679	UCUCCUGU CUGAUGAG GCCGUUAGGC CGAA IUGGAUGG	30054
8658	2372	UCCACAAC A GGAGAGCC	11680	GGCUCUCC CUGAUGAG GCCGUUAGGC CGAA IUUGUGGA	30055
8666	2364	AGGAGAGC C CCCAGCAA	11681	UUGCUGGG CUGAUGAG GCCGUUAGGC CGAA ICUCUCCU	30056
8667	2363	GGAGAGCC C CCAGCAAU	11682	AUUGCUGG CUGAUGAG GCCGUUAGGC CGAA IGCUCUCC	30057
8668	2362	GAGAGCCC C CAGCAAUC	11683	GAUUGCUG CUGAUGAG GCCGUUAGGC CGAA IGGCUCUC	30058
8669	2361	AGAGCCCC C AGCAAUCC	11684	GGAUUGCU CUGAUGAG GCCGUUAGGC CGAA IGGGCUCU	30059
8670	2360	GAGCCCCC A GCAAUCCU	11685	AGGAUUGC CUGAUGAG GCCGUUAGGC CGAA IGGGGCUC	30060
8673	2357	CCCCCAGC A AUCCUUGC	11686	GCAAGGAU CUGAUGAG GCCGUUAGGC CGAA ICUGGGGG	30061
8677	2353	CAGCAAUC C UUGCGUUA	11687		30062
8678	2352	AGCAAUCC U UGCGUUAU	11688	AUAACGCA CUGAUGAG GCCGUUAGGC CGAA IGAUUGCU	30063
8688	2342	GCGUUAUC C AGGACAUG	11689		30064
8689	2341	CGUUAUCC A GGACAUGC	11690		30065
8694	2336	UCCAGGAC A UGCCUCCG	11691		30066
8698	2332	GGACAUGC C UCCGAACA	11692	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA ICAUGUCC	30067
8699	2331	GACAUGCC U CCGAACAG	11693	CUGUUCGG CUGAUGAG GCCGUUAGGC CGAA IGCAUGUC	30068
8701	2329	CAUGCCUC C GAACAGUG	11694	CACUGUUC CUGAUGAG GCCGUUAGGC CGAA IAGGCAUG	30069
8706	2324	CUCCGAAC A GUGAGCGG	11695		30070
8720	2310	CGGAAUGC U CCUCCGAA	11696	<del></del>	30071
8722	2308	GAAUGCUC C UCCGAACA	11697	UGUUCGGA CUGAUGAG GCCGUUAGGC CGAA IAGCAUUC	30072
8723	2307	AAUGCUCC U CCGAACAC	<del></del>		30073
8725	2305	UGCUCCUC C GAACACUU	11699		30074
8730	2300	CUCCGAAC A CUUGAUGG	11700	CCAUCAAG CUGAUGAG GCCGUUAGGC CGAA IUUCGGAG	30075
8732	2298	CCGAACAC U UGAUGGAC	11701		30075
	<del></del>	UGAUGGAC A GCCUUCCC	<del></del>		
8741	2289	DERUGGAC A GCCDUCCC	11702	GGGAAGGC CUGAUGAG GCCGUUAGGC CGAA IUCCAUCA	30077

8744	2286	UGGACAGC C UUCCCAAC	11703	GUUGGGAA CUGAUGAG GCCGUUAGGC CGAA ICUGUCCA	30078
8745	2285	GGACAGCC U UCCCAACU	11704	AGUUGGGA CUGAUGAG GCCGUUAGGC CGAA IGCUGUCC	30079
8748	2282	CAGCCUUC C CAACUGAG	11705	CUCAGUUG CUGAUGAG GCCGUUAGGC CGAA IAAGGCUG	30080
8749	2281	AGCCUUCC C AACUGAGG	11706	CCUCAGUU CUGAUGAG GCCGUUAGGC CGAA IGAAGGCU	30081
	2280	GCCUUCCC A ACUGAGGU	11707	ACCUCAGU CUGAUGAG GCCGUUAGGC CGAA IGGAAGGC	30082
8750		UUCCCAAC U GAGGUGAA	11708	UUCACCUC CUGAUGAG GCCGUUAGGC CGAA IUUGGGAA	30083
8753	2277	AGGUGAAC A CCCCUCCA	11708	UGGAGGG CUGAUGAG GCCGUUAGGC CGAA IUUCACCU	30084
8763	2267			GUUGGAGG CUGAUGAG GCCGUUAGGC CGAA IUGUUCAC	30085
8765	2265	GUGAACAC C CCUCCAAC	11710	AGUUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGUUCA	30086
8766	2264	UGAACACC C CUCCAACU	11711	CAGUUGGA CUGAUGAG GCCGUUAGGC CGAA IGGUGUUC	30087
8767	2263	GAACACCC C UCCAACUG	11712	UCAGUUGG CUGAUGAG GCCGUUAGGC CGAA IGGGUGUU	30088
8768	2262	AACACCCC U CCAACUGA	11713	GAUCAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGGGUG	30089
8770	2260	CACCCCUC C AACUGAUC	11714	GAUCAGU CUGAUGAG GCCGUUAGGC CGAA IGAGGGGU	30090
8771	2259	ACCCCUCC A ACUGAUCC	11715	UUUGGAUC CUGAUGAG GCCGUUAGGC CGAA IUUGGAGG	30091
8774	2256	CCUCCAAC U GAUCCAAA	11716	GGGACUUU CUGAUGAG GCCGUUAGGC CGAA IAUCAGUU	30092
8779	2251	AACUGAUC C AAAGUCCC	11717		30092
8780	2250	ACUGAUCC A AAGUCCCA	11718		
8786	2244	CCAAAGUC C CAAGCUGU	11719	ACAGCUUG CUGAUGAG GCCGUUAGGC CGAA IACUUUGG	30094
8787	2243	CAAAGUCC C AAGCUGUG	11720	CACAGCUU CUGAUGAG GCCGUUAGGC CGAA IGACUUUG	30095
8788	2242	AAAGUCCC A AGCUGUGU	11721	ACACAGCU CUGAUGAG GCCGUUAGGC CGAA IGGACUUU	30096
8792	2238	UCCCAAGC U GUGUCUCC	11722	GGAGACAC CUGAUGAG GCCGUUAGGC CGAA ICUUGGGA	30097
8798	2232	GCUGUGUC U CCUAGAGC	11723	GCUCUAGG CUGAUGAG GCCGUUAGGC CGAA IACACAGC	30098
8800	2230	UGUGUCUC C UAGAGCGG	11724	CCGCUCUA CUGAUGAG GCCGUUAGGC CGAA IAGACACA	30099
8801	2229	GUGUCUCC U AGAGCGGC	11725	GCCGCUCU CUGAUGAG GCCGUUAGGC CGAA IGAGACAC	30100
8810	2220	AGAGCGGC U AGUCUCUG	11726	CAGAGACU CUGAUGAG GCCGUUAGGC CGAA ICCGCUCU	30101
8815	2215	GGCUAGUC U CUGCGCUC	11727	GAGCGCAG CUGAUGAG GCCGUUAGGC CGAA IACUAGCC	30102
8817	2213	CUAGUCUC U GCGCUCCU	11728	AGGAGCGC CUGAUGAG GCCGUUAGGC CGAA IAGACUAG	30103
8822	2208	CUCUGCGC U CCUUUGAG	11729	CUCAAAGG CUGAUGAG GCCGUUAGGC CGAA ICGCAGAG	30104
8824	2206	CUGCGCUC C UUUGAGGG	11730	CCCUCAAA CUGAUGAG GCCGUUAGGC CGAA IAGCGCAG	30105
8825	2205	UGCGCUCC U UUGAGGGU	11731	ACCCUCAA CUGAUGAG GCCGUUAGGC CGAA IGAGCGCA	30106
8846	2184	GUAAAGGC U UUGCCAAU	11732	AUUGGCAA CUGAUGAG GCCGUUAGGC CGAA ICCUUUAC	30107
8851	2179	GGCUUUGC C AAUGCUGC	11733	GCAGCAUU CUGAUGAG GCCGUUAGGC CGAA ICAAAGCC	30108
8852	2178	GCUUUGCC A AUGCUGCU	11734	AGCAGCAU CUGAUGAG GCCGUUAGGC CGAA IGCAAAGC	30109
8857	2173	GCCAAUGC U GCUUCCAG	11735	CUGGAAGC CUGAUGAG GCCGUUAGGC CGAA ICAUUGGC	30110
8860	2170	AAUGCUGC U UCCAGACU	11736	AGUCUGGA CUGAUGAG GCCGUUAGGC CGAA ICAGCAUU	30111
8863	2167	GCUGCUUC C AGACUUGU	11737	ACAAGUCU CUGAUGAG GCCGUUAGGC CGAA IAAGCAGC	30112
8864	2166	CUGCUUCC A GACUUGUG	11738	CACAAGUC CUGAUGAG GCCGUUAGGC CGAA IGAAGCAG	30113
8868	2162	UUCCAGAC U UGUGCCAA	11739	UUGGCACA CUGAUGAG GCCGUUAGGC CGAA IUCUGGAA	30114
8874	2156	ACUUGUGC C AAUGGUGA	11740	UCACCAUU CUGAUGAG GCCGUUAGGC CGAA ICACAAGU	30115
8875	2155	CUUGUGCC A AUGGUGAU	11741	AUCACCAU CUGAUGAG GCCGUUAGGC CGAA IGCACAAG	30116
8889	2141	GAUUGAUC U GUUGUUCU	11742	AGAACAAC CUGAUGAG GCCGUUAGGC CGAA IAUCAAUC	30117
8897	2133	UGUUGUUC U CCUCUGCC	11743	GGCAGAGG CUGAUGAG GCCGUUAGGC CGAA IAACAACA	30118
8899	2131	UUGUUCUC C UCUGCCCA	11744	UGGGCAGA CUGAUGAG GCCGUUAGGC CGAA IAGAACAA	30119
8900	2130	UGUUCUCC U CUGCCCAC	11745	GUGGGCAG CUGAUGAG GCCGUUAGGC CGAA IGAGAACA	30120
8902	2128	UUCUCCUC U GCCCACCA	11746	UGGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAGGAGAA	30121
8905	2125	UCCUCUGC C CACCACUA	11747	UAGUGGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAGGA	30122
8906	2124	CCUCUGCC C ACCACUAU	11748	AUAGUGGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAGG	30123
8907	2123	CUCUGCCC A CCACUAUG	11749	CAUAGUGG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAG	30124
8909	2121	CUGCCCAC C ACUAUGUA	11750	UACAUAGU CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG	30125
8910	2120	UGCCCACC A CUAUGUAU	11751	AUACAUAG CUGAUGAG GCCGUUAGGC CGAA IGUGGGCA	30126
8912	2118	CCCACCAC U AUGUAUGA	11752	UCAUACAU CUGAUGAG GCCGUUAGGC CGAA IUGGUGGG	30127
8924	2106	UAUGAGUC U CCAAAGGG	11753		30128
8926	2104	UGAGUCUC C AAAGGGUG	11754		30129
8927	2103	GAGUCUCC A AAGGGUGG	11755	CCACCCUU CUGAUGAG GCCGUUAGGC CGAA IGAGACUC	30130
8939	2091	GGUGGUUC C AAUUCAAU	11756	AUUGAAUU CUGAUGAG GCCGUUAGGC CGAA IAACCACC	30131
8940	2090	GUGGUUCC A AUUCAAUC	11757	GAUUGAAU CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	30132
8945	2085	UCCAAUUC A AUCAGGAC	11758	GUCCUGAU CUGAUGAG GCCGUUAGGC CGAA IAAUUGGA	30133
8949	2081	AUUCAAUC A GGACCUUA	11759	UAAGGUCC CUGAUGAG GCCGUUAGGC CGAA IAUUGAAU	30134
8954	2076	AUCAGGAC C UUAGCGUU	11760	AACGCUAA CUGAUGAG GCCGUUAGGC CGAA IUCCUGAU	30135
8955	2075	UCAGGACC U UAGCGUUG	11761	CAACGCUA CUGAUGAG GCCGUUAGGC CGAA IGUCCUGA	30136
8966	2064	GCGUUGGC C GUGGCCAC		GUGGCCAC CUGAUGAG GCCGUUAGGC CGAA ICCAACGC	30137
8972	2058	GCCGUGGC C ACUGAAAC	11763	GUUUCAGU CUGAUGAG GCCGUUAGGC CGAA ICCACGGC	30138
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#### PCT/US01/48350 WO 02/068637 Table IX

8973	2057	CCGUGGCC A CUGAAACA	11764	UGUUUCAG CUGAUGAG GCCGUUAGGC CGAA IGCCACGG	30139
8975	2055	GUGGCCAC U GAAACAAA	11765	UUUGUUUC CUGAUGAG GCCGUUAGGC CGAA IUGGCCAC	30140
		ACUGAAAC A AAAGGGUU	11766	AACCCUUU CUGAUGAG GCCGUUAGGC CGAA IUUUCAGU	30141
8981	2049	GGGUUGAC A GUGACCAA	11767	UUGGUCAC CUGAUGAG GCCGUUAGGC CGAA IUCAACCC	30142
8993	2037		11768	GGCAGAUU CUGAUGAG GCCGUUAGGC CGAA IUCACUGU	30143
8999	2031	ACAGUGAC C AAUCUGCC		GGCAGAU CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	30144
9000	2030	CAGUGACC A AUCUGCCC	11769	CAGUGGGC CUGAUGAG GCCGUUAGGC CGAA IAUUGGUC	30145
9004	2026	GACCAAUC U GCCCACUG	11770		
9007	2023	CAAUCUGC C CACUGGCG	11771	CGCCAGUG CUGAUGAG GCCGUUAGGC CGAA ICAGAUUG	30146
9008	2022	AAUCUGCC C ACUGGCGU	11772	ACGCCAGU CUGAUGAG GCCGUUAGGC CGAA IGCAGAUU	30147
9009	2021	AUCUGCCC A CUGGCGUU	11773	AACGCCAG CUGAUGAG GCCGUUAGGC CGAA IGGCAGAU	30148
9011	2019	CUGCCCAC U GGCGUUAG	11774	CUAACGCC CUGAUGAG GCCGUUAGGC CGAA IUGGGCAG	30149
9027	2003	GGUCGUUC A AUGAAGCC	11775	GGCUUCAU CUGAUGAG GCCGUUAGGC CGAA IAACGACC	30150
9035	1995	AAUGAAGC C ACUGACGA	11776	UCGUCAGU CUGAUGAG GCCGUUAGGC CGAA ICUUCAUU	30151
9036	1994	AUGAAGCC A CUGACGAG	11777	CUCGUCAG CUGAUGAG GCCGUUAGGC CGAA IGCUUCAU	30152
9038	1992	GAAGCCAC U GACGAGAU	11778	AUCUCGUC CUGAUGAG GCCGUUAGGC CGAA IUGGCUUC	30153
9053	1977	AUAGGAAC U UUGCAAGG	11779	CCUUGCAA CUGAUGAG GCCGUUAGGC CGAA IUUCCUAU	30154
9058	1972	AACUUUGC A AGGUCCAU	11780	AUGGACCU CUGAUGAG GCCGUUAGGC CGAA ICAAAGUU	30155
9064	1966	GCAAGGUC C AUCCGUGC	11781	GCACGGAU CUGAUGAG GCCGUUAGGC CGAA IACCUUGC	30156
9065	1965	CAAGGUCC A UCCGUGCC	11782	GGCACGGA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG	30157
9068	1962	GGUCCAUC C GUGCCAGU	11783	ACUGGCAC CUGAUGAG GCCGUUAGGC CGAA IAUGGACC	30158
9073	1957	AUCCGUGC C AGUGUACU	11784	AGUACACU CUGAUGAG GCCGUUAGGC CGAA ICACGGAU	30159
9074	1956	UCCGUGCC A GUGUACUG	11785	CAGUACAC CUGAUGAG GCCGUUAGGC CGAA IGCACGGA	30160
9081	1949	CAGUGUAC U GCAAUUCC	11786	GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUACACUG	30161
9084	1946	UGUACUGC A AUUCCAAC	11787	GUUGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUACA	30162
9089	1941	UGCAAUUC C AACACCAC	11788	GUGGUGUU CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA	30163
9090	1940	GCAAUUCC A ACACCACA	11789	UGUGGUGU CUGAUGAG GCCGUUAGGC CGAA IGAAUUGC	30164
9093	1937	AUUCCAAC A CCACAGUG	11790	CACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUUGGAAU	30165
9095	1935	UCCAACAC C ACAGUGCC	11791	GGCACUGU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGA	30166
9096	1934	CCAACACC A CAGUGCCG	11792	CGGCACUG CUGAUGAG GCCGUUAGGC CGAA IGUGUUGG	30167
		AACACCAC A GUGCCGUG	11793	CACGGCAC CUGAUGAG GCCGUUAGGC CGAA IUGGUGUU	30168
9098	1932	CACAGUGC C GUGACCUG	11794	CAGGUCAC CUGAUGAG GCCGUUAGGC CGAA ICACUGUG	30169
9103	1927	GCCGUGAC C UGUGUCUG	11795	CAGACACA CUGAUGAG GCCGUUAGGC CGAA IUCACGGC	30170
9109	1921	CCGUGACC U GUGUCUGC	11796	GCAGACAC CUGAUGAG GCCGUUAGGC CGAA IGUCACGG	30171
9110	1920	<del> </del>	11797	ACUCCOGC CUGAUGAG GCCGUUAGGC CGAA IACACAGG	30172
9116	1914	CCUGUGUC U GCGGGAGU CGGGAGUC C CAAGAAAC	11798	GUUUCUUG CUGAUGAG GCCGUUAGGC CGAA IACUCCCG	30173
9126	1904	<del></del>	11799	AGUUUCUU CUGAUGAG GCCGUUAGGC CGAA IGACUCCC	30174
9127	1903	GGGAGUCC C AAGAAACU		AGUUUCU CUGAUGAG GCCGUUAGGC CGAA IGGACUCC	30175
9128	1902	GGAGUCCC A AGAAACUU	11800	GGCUUUCA CUGAUGAG GCCGUUAGGC CGAA IUUUCUUG	30176
9135	1895	CAAGAAAC U UGAAAGCC	11801		30177
9143	1887	UUGAAAGC C UUUGAACA	11802		
9144	1886	UGAAAGCC U UUGAACAG	11803	CUGUUCAA CUGAUGAG GCCGUUAGGC CGAA IGCUUUCA	30178
9151	1879	CUUUGAAC A GACGCCAU	11804	AUGGCGUC CUGAUGAG GCCGUUAGGC CGAA IUUCAAAG	30179
9157	1873	ACAGACGC C AUAGGUUG	11805	CAACCUAU CUGAUGAG GCCGUUAGGC CGAA ICGUCUGU	30180
9158	1872	CAGACGCC A UAGGUUGU			30181
9169	1861	GGUUGUUC C CUUCAACU			30182
9170	1860	GUUGUUCC C UUCAACUG	11808		30183
9171	1859	UUGUUCCC U UCAACUGC			30184
9174	1856	UUCCCUUC A ACUGCAAU	11810	l	30185
9177	1853	CCUUCAAC U GCAAUUUU	11811		30186
9180	1850	UCAACUGC A AUUUUUCC	11812		30187
9188	1842	AAUUUUUC C AUCUUCAC	11813	l	30188
9189	1841	AUUUUUCC A UCUUCACU	11814	AGUGAAGA CUGAUGAG GCCGUUAGGC CGAA IGAAAAAU	30189
9192	1838	UUUCCAUC U UCACUCUA	11815		30190
9195	1835	CCAUCUUC A CUCUACAC	11816	GUGUAGAG CUGAUGAG GCCGUUAGGC CGAA IAAGAUGG	30191
9197	1833	AUCUUCAC U CUACACUU			30192
9199	1831	CUUCACUC U ACACUUCA	<del> </del>		30193
9202	1828	CACUCUAC A CUUCAAAU			30194
9204	1826	CUCUACAC U UCAAAUGA			30195
9207	1823	UACACUUC A AAUGACCC			30196
9214	1816	CAAAUGAC C CGACGUCA			30197
9215	1815	AAAUGACC C GACGUCAA			30198
9222	1808	CCGACGUC A ACUUGACA	11824		30199
7000	1 2000	TOURSE A MEDUCALA	1-1027	Totaling codinate accounted the mount	1-7-22

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				Table IX	
9225	1805	ACGUCAAC U UGACAGUG	11825	CACUGUCA CUGAUGAG GCCGUUAGGC CGAA IUUGACGU	30200
9230	1800	AACUUGAC A GUGUUGCU	11826	AGCAACAC CUGAUGAG GCCGUUAGGC CGAA IUCAAGUU	30201
9238	1792	AGUGUUGC U UGAAAAUU	11827	AAUUUUCA CUGAUGAG GCCGUUAGGC CGAA ICAACACU	30202
9248	1782	GAAAAUUC C ACAGGAAU	11828	AUUCCUGU CUGAUGAG GCCGUUAGGC CGAA IAAUUUUC	30203
9249	1781	AAAAUUCC A CAGGAAUG	11829	CAUUCCUG CUGAUGAG GCCGUUAGGC CGAA IGAAUUUU	30204
9251	1779	AAUUCCAC A GGAAUGGC	11830	GCCAUUCC CUGAUGAG GCCGUUAGGC CGAA IUGGAAUU	30205
9260	1770	GGAAUGGC U CCAGCCAA	11831	UUGGCUGG CUGAUGAG GCCGUUAGGC CGAA ICCAUUCC	30206
9262	1768	AAUGGCUC C AGCCAAAG	11832	CUUUGGCU CUGAUGAG GCCGUUAGGC CGAA IAGCCAUU	30207
9263	1767	AUGGCUCC A GCCAAAGC	11833	GCUUUGGC CUGAUGAG GCCGUUAGGC CGAA IGAGCCAU	3020B
9266	1764	GCUCCAGC C AAAGCUUG	11834	CAAGCUUU CUGAUGAG GCCGUUAGGC CGAA ICUGGAGC	30209
9267	1763	CUCCAGCC A AAGCUUGA	11835	UCAAGCUU CUGAUGAG GCCGUUAGGC CGAA IGCUGGAG	30210
9272	1758	GCCAAAGC U UGAUGCAG	11836	CUGCAUCA CUGAUGAG GCCGUUAGGC CGAA ICUUUGGC	30211
9279	1751	CUUGAUGC A GAGCUCCC	11837	GGGAGCUC CUGAUGAG GCCGUUAGGC CGAA ICAUCAAG	30212
9284	1746	UGCAGAGC U CCCUCUUG	11838	CAAGAGGG CUGAUGAG GCCGUUAGGC CGAA ICUCUGCA	30213
9286	1744	CAGAGCUC C CUCUUGUG	11839	CACAAGAG CUGAUGAG GCCGUUAGGC CGAA IAGCUCUG	30214
9287	1743	AGAGCUCC C UCUUGUGA	11840	UCACAAGA CUGAUGAG GCCGUUAGGC CGAA IGAGCUCU	30215
9288	1742	GAGCUCCC U CUUGUGAG	11841	CUCACAAG CUGAUGAG GCCGUUAGGC CGAA IGGAGCUC	30216
9290	1740	GCUCCCUC U UGUGAGCC	11842	GGCUCACA CUGAUGAG GCCGUUAGGC CGAA IAGGGAGC	30217
9298	1732	UUGUGAGC C CAAUGCUA	11843	UAGCAUUG CUGAUGAG GCCGUUAGGC CGAA ICUCACAA	30218
9299	1731	UGUGAGCC C AAUGCUAU	11844	AUAGCAUU CUGAUGAG GCCGUUAGGC CGAA IGCUCACA	30219
9300	1730	GUGAGCCC A AUGCUAUC	11845	GAUAGCAU CUGAUGAG GCCGUUAGGC CGAA IGGCUCAC	30220
9305	1725	CCCAAUGC U AUCACAGA	11846	UCUGUGAU CUGAUGAG GCCGUUAGGC CGAA ICAUUGGG	30221
9309	1721	AUGCUAUC A CAGACUGC	11847	GCAGUCUG CUGAUGAG GCCGUUAGGC CGAA IAUAGCAU	30222
9311	1719	GCUAUCAC A GACUGCUU	11848	AAGCAGUC CUGAUGAG GCCGUUAGGC CGAA IUGAUAGC	30223
9315	1715	UCACAGAC U GCUUCGUG	11849	CACGAAGC CUGAUGAG GCCGUUAGGC CGAA IUCUGUGA	30224
9318	1712	CAGACUGC U UCGUGGCG	11850	CGCCACGA CUGAUGAG GCCGUUAGGC CGAA ICAGUCUG	30225
9335	1695	UGUGGUUC C UCAAACUC	11851	GAGUUUGA CUGAUGAG GCCGUUAGGC CGAA IAACCACA	30226
9336	1694	GUGGUUCC U CAAACUCC	11852	GGAGUUUG CUGAUGAG GCCGUUAGGC CGAA IGAACCAC	30227
9338	1692	GGUUCCUC A AACUCCAU	11853	AUGGAGUU CUGAUGAG GCCGUUAGGC CGAA IAGGAACC	30228
9342	1688	CCUCAAAC U CCAUUAAC	11854	GUUAAUGG CUGAUGAG GCCGUUAGGC CGAA IUUUGAGG	30229
9344	1686	UCAAACUC C AUUAACGU	11855	ACGUUAAU CUGAUGAG GCCGUUAGGC CGAA IAGUUUGA	30230
9345	1685	CAAACUCC A UUAACGUC	11856	GACGUUAA CUGAUGAG GCCGUUAGGC CGAA IGAGUUUG	30231
9354	1676	UUAACGUC U CUCUGUUC	11857	GAACAGAG CUGAUGAG GCCGUUAGGC CGAA IACGUUAA	30232
9356	1674	AACGUCUC U CUGUUCCU	11858	AGGAACAG CUGAUGAG GCCGUUAGGC CGAA IAGACGUU	30233
9358	1672	CGUCUCUC U GUUCCUCC	11859	GGAGGAAC CUGAUGAG GCCGUUAGGC CGAA IAGAGACG	30234
9363	1667	CUCUGUUC C UCCACACA	11860	UGUGUGGA CUGAUGAG GCCGUUAGGC CGAA IAACAGAG	30235
9364	1666	UCUGUUCC U CCACACAG	11861	CUGUGUGG CUGAUGAG GCCGUUAGGC CGAA IGAACAGA	30236
9366	1664	UGUUCCUC C ACACAGUA	11862	UACUGUGU CUGAUGAG GCCGUUAGGC CGAA IAGGAACA	30237
9367	1663	GUUCCUCC A CACAGUAC	11863	GUACUGUG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAC	30238
9369	1661	UCCUCCAC A CAGUACUU	11864	AAGUACUG CUGAUGAG GCCGUUAGGC CGAA IUGGAGGA	30239
9371	1659	CUCCACAC A GUACUUCC	11865	GGAAGUAC CUGAUGAG GCCGUUAGGC CGAA IUGUGGAG	30240
9376		CACAGUAC U UCCAGCAC	11866		30241
9379	1651	AGUACUUC C AGCACUGC	11867		30242
9380	1650	GUACUUCC A GCACUGCU	11868	AGCAGUGC CUGAUGAG GCCGUUAGGC CGAA IGAAGUAC	30243
9383	1647	CUUCCAGC A CUGCUCCA	11869	UGGAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUGGAAG	30244
9385	1645	UCCAGCAC U GCUCCAAG	11870	CUUGGAGC CUGAUGAG GCCGUUAGGC CGAA IUGCUGGA	30245
9388	1642	AGCACUGC U CCAAGGGA	11871	UCCCUUGG CUGAUGAG GCCGUUAGGC CGAA ICAGUGCU	30246
9390	1640	CACUGCUC C AAGGGAGG	11872		30247
9391	1639	ACUGCUCC A AGGGAGGU	11873		30248
9407	1623	UUGAGGUC C AUGAACCA	11874	UGGUUCAU CUGAUGAG GCCGUUAGGC CGAA IACCUCAA	30249
9408	1622	UGAGGUCC A UGAACCAC	11875		30250
9414	1616	CCAUGAAC C ACUCACGA	11876	UCGUGAGU CUGAUGAG GCCGUUAGGC CGAA IUUCAUGG	30251
9415	1615	CAUGAACC A CUCACGAU	11877	AUCGUGAG CUGAUGAG GCCGUUAGGC CGAA IGUUCAUG	30252
9417	1613	UGAACCAC U CACGAUGG	11878	CCAUCGUG CUGAUGAG GCCGUUAGGC CGAA IUGGUUCA	30253
9419	1611	AACCACUC A CGAUGGAC	11879		30254
9428	1602	CGAUGGAC C AAGAACGU	11880		30255
9429	1601	GAUGGACC A AGAACGUC	<del></del>		30256
9438	1592	AGAACGUC U UUGUUCCA	11882		30257
9445	1585	CUUUGUUC C AACAGUCA	11883		30258
9446	1584	UUUGUUCC A ACAGUCAU	11884		30259
9449	1581	GUUCCAAC A GUCAUCAC	11885		30260

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				Table IX	
9453	1577	CAACAGUC A UCACGUAG	11886	CUACGUGA CUGAUGAG GCCGUUAGGC CGAA IACUGUUG	30261
9456	1574	CAGUCAUC A CGUAGUAU	11887	AUACUACG CUGAUGAG GCCGUUAGGC CGAA IAUGACUG	30262
9467	1563	UAGUAUGC A UUGGUGUC	11888	GACACCAA CUGAUGAG GCCGUUAGGC CGAA ICAUACUA	30263
9476	1554	UUGGUGUC A AUCCCUGA	11889	UCAGGGAU CUGAUGAG GCCGUUAGGC CGAA IACACCAA	30264
9480	1550	UGUCAAUC C CUGACCGU	11890	ACGGUCAG CUGAUGAG GCCGUUAGGC CGAA IAUUGACA	30265
9481	1549	GUCAAUCC C UGACCGUG	11891	CACGGUCA CUGAUGAG GCCGUUAGGC CGAA IGAUUGAC	30266
	1548	UCAAUCCC U GACCGUGG	11892	CCACGGUC CUGAUGAG GCCGUUAGGC CGAA IGGAUUGA	30267
9482	1544	UCCCUGAC C GUGGUUCA	11893	UGAACCAC CUGAUGAG GCCGUUAGGC CGAA IUCAGGGA	30268
9494	1536	CGUGGUUC A CAGUCCAC	11894	GUGGACUG CUGAUGAG GCCGUUAGGC CGAA IAACCACG	30269
9496	1534	UGGUUCAC A GUCCACUG	11895	CAGUGGAC CUGAUGAG GCCGUUAGGC CGAA IUGAACCA	30270
9500	1530	UCACAGUC C ACUGUCAC	11896	GUGAÇAGU CUGAUGAG GCCGUUAGGC CGAA IACUGUGA	30271
9501	1529	CACAGUCC A CUGUCACC	11897	GGUGACAG CUGAUGAG GCCGUUAGGC CGAA IGACUGUG	30272
9503	1527	CAGUCCAC U GUCACCUC	11898	GAGGUGAC CUGAUGAG GCCGUUAGGC CGAA IUGGACUG	30273
9507	1523	CCACUGUC A CCUCUCCA	11899	UGGAGAGG CUGAUGAG GCCGUUAGGC CGAA IACAGUGG	30274
9509	1521	ACUGUCAC C UCUCCAUA	11900	UAUGGAGA CUGAUGAG GCCGUUAGGC CGAA IUGACAGU	30275
9510	1520	CUGUCACC U CUCCAUAU	11901	AUAUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGACAG	30276
9512	1518	GUCACCUC U CCAUAUUC	11902	GAAUAUGG CUGAUGAG GCCGUUAGGC CGAA IAGGUGAC	30277
9514	1516	CACCUCUC C AUAUUCUC	11903	GAGAAUAU CUGAUGAG GCCGUUAGGC CGAA IAGAGGUG	30278
9514	1515	ACCUCUCC A UAUUCUCC	11904	GGAGAAUA CUGAUGAG GCCGUUAGGC CGAA IGAGAGGU	30279
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9523	1506	UAUUCUCC A AGCUUUAG	11907	CUAAAGCU CUGAUGAG GCCGUUAGGC CGAA IGAGAAUA	30282
	1502	CUCCAAGC U UUAGUGUG	11908	CACACUAA CUGAUGAG GCCGUUAGGC CGAA ICUUGGAG	30283
9528		GAAGGCGC C GCAGGAGU	11909	ACUCCUGC CUGAUGAG GCCGUUAGGC CGAA ICGCCUUC	30284
9548	1482 1479	GGCGCCGC A GGAGUGAU	11910	AUCACUCC CUGAUGAG GCCGUUAGGC CGAA ICGGCGCC	30285
9551	1468	AGUGAUGC U GAAUCUCC	11911	GGAGAUUC CUGAUGAG GCCGUUAGGC CGAA ICAUCACU	30286
9562	1462	GCUGAAUC U CCCUGCCU	11912	AGGCAGGG CUGAUGAG GCCGUUAGGC CGAA IAUUCAGC	30287
9568 9570	1460	UGAAUCUC C CUGCCUGA	11913	UCAGGCAG CUGAUGAG GCCGUUAGGC CGAA IAGAUUCA	30288
		GAAUCUCC C UGCCUGAG	11914	CUCAGGCA CUGAUGAG GCCGUUAGGC CGAA IGAGAUUC	30289
9571	1459	AAUCUCCC U GCCUGAGU	11915	ACUCAGGC CUGAUGAG GCCGUUAGGC CGAA IGGAGAUU	30290
9572	1458	CUCCCUGC C UGAGUGGC	11916	GCCACUCA CUGAUGAG GCCGUUAGGC CGAA ICAGGGAG	30291
9575	1454	UCCCUGCC U GAGUGGCU	11917	AGCCACUC CUGAUGAG GCCGUUAGGC CGAA IGCAGGGA	30292
9576 9584	1446	UGAGUGGC U CCAACCUG	11918	CAGGUUGG CUGAUGAG GCCGUUAGGC CGAA ICCACUCA	30293
<b>——</b>		AGUGGCUC C AACCUGUG	11919	CACAGGUU CUGAUGAG GCCGUUAGGC CGAA IAGCCACU	30294
9586	1444	GUGGCUCC A ACCUGUGU	11920	ACACAGGU CUGAUGAG GCCGUUAGGC CGAA IGAGCCAC	30295
9587	1443	GCUCCAAC C UGUGUGGA	11921	UCCACACA CUGAUGAG GCCGUUAGGC CGAA IUUGGAGC	30296
9590	1440	CUCCAACC U GUGUGGAG	11922	CUCCACAC CUGAUGAG GCCGUUAGGC CGAA IGUUGGAG	30297
9591	1439	GUAGUUUC C GUGCGACU	11923	AGUCGCAC CUGAUGAG GCCGUUAGGC CGAA IAAACUAC	30298
9607	1423	CGUGCGAC U CCACAGUA	11924	UACUGUGG CUGAUGAG GCCGUUAGGC CGAA IUCGCACG	30299
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9617	1413	GCGACUCC A CAGUAGUU	11926	AACUACUG CUGAUGAG GCCGUUAGGC CGAA IGAGUCGC	30301
9618	1412		11927	CCAACUAC CUGAUGAG GCCGUUAGGC CGAA IUGGAGUC	30302
9620	1410	GACUCCAC A GUAGUUGG AGUUGGUC C AUGGACAA	11927	UUGUCCAU CUGAUGAG GCCGUUAGGC CGAA IACCAACU	30302
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9632	1398	CCAUGGAC A AAAAUGGC	11930		30305
9638	1383	AAAAUGGC C ACUUCGUA	11931		30306
9648	1382	AAAUGGCC A CUUCGUAC	11932	<del></del>	30307
9650	1382	AUGGCCAC U UCGUACUU	11933		30308
9657	1373	CUUCGUAC U UGAUAUUC	11934		30309
	1364	UGAUAUUC U CUUUCAAG	11935		30310
9666	1362	AUAUUCUC U UUCAAGAU	11936		30311
9672	1358	UCUCUUUC A AGAUGGUU	11937		30312
9672	1358	GAUGGUUC U UCCUAUUG	11937		30312
9685	1345	GGUUCUUC C UAUUGCCU	11939		30314
9686	1343	GUUCUUCC U AUUGCCUU	11940	AAGGCAAU CUGAUGAG GCCGUUAGGC CGAA IGAAGAAC	30315
9692	1338	CCUAUUGC C UUGGUAGA	11941		30316
9693	1337	CUAUUGCC U UGGUAGAG	11942		30317
9703	1327	GGUAGAGC A GGCAAAUU	11943		30318
9707	1327	GAGCAGGC A AAUUUGGC	11944		30319
9718	1312	UUUGGCGC A UGUGUCAA	11945		30320
9725	1305	CAUGUGUC A AUGCUUCC	11946		30321
2,23	1305	- Choococ A Absence	1 2 - 2 - 5	COMMON COUNTRY OCCOORDER COMMON COMMON COMMON COMMON COUNTRY COMMON COMM	

9730	1300	GUCAAUGC U UCCUUUGC	11947		30322
9733	1297	AAUGCUUC C UUUGCCAA	11948	UUGGCAAA CUGAUGAG GCCGUUAGGC CGAA IAAGCAUU	30323
9734	1296	AUGCUUCC U UUGCCAAA	11949	UUUGGCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGCAU	30324
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9751	1279	UAAUCCGC A GCCGUUGC	11953	GCAACGGC CUGAUGAG GCCGUUAGGC CGAA ICGGAUUA	30328
9754	1276	UCCGCAGC C GUUGCCCC	11954		30329
		GCCGUUGC C CCAGCCCC	11955		30330
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9761	1269	CCGUUGCC C CAGCCCCU	11956		
9762	1268	CGUUGCCC C AGCCCCUG	11957		30332
9763	1267	GUUGCCCC A GCCCCUGU	11958		30333
9766	1264	GCCCCAGC C CCUGUCCA	11959	<u> </u>	30334
9767	1263	CCCCAGCC C CUGUCCAC	11960		30335
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9769	1261	CCAGCCCC U GUCCACCA	11962	UGGUGGAC CUGAUGAG GCCGUUAGGC CGAA IGGGCUGG	30337
9773	1257	CCCCUGUC C ACCACUCC	11963	GGAGUGGU CUGAUGAG GCCGUUAGGC CGAA IACAGGGG	30338
9774	1256	CCCUGUCC A CCACUCCU	11964	AGGAGUGG CUGAUGAG GCCGUUAGGC CGAA IGACAGGG	30339
9776	1254	CUGUCCAC C ACUCCUUG	11965	CAAGGAGU CUGAUGAG GCCGUUAGGC CGAA IUGGACAG	30340
9777	1253	UGUCCACC A CUCCUUGU	11966		30341
9779	1251	UCCACCAC U CCUUGUCU	11967		30342
9781	1249	CACCACUC C UUGUCUGC	11968		30343
9781	1249	ACCACUCC U UGUCUGCA	11969		30344
9787	1243	UCCUUGUC U GCACACAA	11970		30345
9790	1240	UUGUCUGC A CACAAAAG	11971	<u></u>	30346
9792	1238	GUCUGCAC A CAAAAGCU	11972		30347
9794	1236	CUGCACAC A AAAGCUGG	11973	<u> </u>	30348
9800	1230	ACAAAAGC U GGGUCAGC	11974	GCUGACCC CUGAUGAG GCCGUUAGGC CGAA ICUUUUGU	30349
9806	1224	GCUGGGUC A GCACGUUU	11975	AAACGUGC CUGAUGAG GCCGUUAGGC CGAA IACCCAGC	30350
9809	1221	GGGUCAGC A CGUUUGUC	11976	GACAAACG CUGAUGAG GCCGUUAGGC CGAA ICUGACCC	30351
9818	1212	CGUUUGUC A UUGUGAGC	11977	GCUCACAA CUGAUGAG GCCGUUAGGC CGAA IACAAACG	30352
9827	1203	UUGUGAGC U UCUCCCAU	11978	AUGGGAGA CUGAUGAG GCCGUUAGGC CGAA ICUCACAA	30353
9830	1200	UGAGCUUC U CCCAUGGU	11979	ACCAUGGG CUGAUGAG GCCGUUAGGC CGAA IAAGCUCA	30354
9832	1198	AGCUUCUC C CAUGGUCG	11980	CGACCAUG CUGAUGAG GCCGUUAGGC CGAA IAGAAGCU	30355
9833	1197	GCUUCUCC C AUGGUCGG	11981	<del> </del>	30356
9834	1196	CUUCUCCC A UGGUCGGG	11982		30357
9844	1186	GGUCGGGC A CGCAGCUU	11983		30358
9848	1182	GGGCACGC A GCUUUGGU	11984		30359
9851		CACGCAGC U UUGGUGGA	11985		30360
	1179				
9868	1162	GAGAUCGC U GACGGUAG	11986		30361
9878	1152	ACGGUAGC C AAAUAGCA	11987		30362
9879	1151	CGGUAGCC A AAUAGCAA	11988		30363
9886	1144	CAAAUAGC A AUAACUGC	11989	<u> </u>	30364
9892	1138	GCAAUAAC U GCGGACCU	11990	AGGUCCGC CUGAUGAG GCCGUUAGGC CGAA IUUAUUGC	30365
9899	1131	CUGCGGAC C UCUGCCAG	11991	CUGGCAGA CUGAUGAG GCCGUUAGGC CGAA IUCCGCAG	30366
9900	1130	UGCGGACC U CUGCCAGG	11992	CCUGGCAG CUGAUGAG GCCGUUAGGC CGAA IGUCCGCA	30367
9902	1128	CGGACCUC U GCCAGGUU	11993	AACCUGGC CUGAUGAG GCCGUUAGGC CGAA IAGGUCCG	30368
9905	1125	ACCUCUGC C AGGUUGAC	11994	GUCAACCU CUGAUGAG GCCGUUAGGC CGAA ICAGAGGU	30369
9906	1124	CCUCUGCC A GGUUGACC	11995	GGUCAACC CUGAUGAG GCCGUUAGGC CGAA IGCAGAGG	30370
9914	1116	AGGUUGAC C GCCUCCAU	11996		30371
9917	1113	UUGACCGC C UCCAUAUU	11997		30372
9918	1112	UGACCGCC U CCAUAUUC	11998		30372
9920	1110	ACCGCCUC C AUAUUCAU	11999		30374
9921	1109	CCGCCUCC A UAUUCAUC	12000		
				<del> </del>	30375
9927	1103	CCAUAUUC A UCAUCUUC	12001		30376
9930	1100	UAUUCAUC A UCUUCACA	12002		30377
9933	1097	UCAUCAUC U UCACAUCG	12003	<u> </u>	30378
9936	1094	UCAUCUUC A CAUCGAUG	12004	<u> </u>	30379
9938	1092	AUCUUCAC A UCGAUGGU	12005	ACCAUCGA CUGAUGAG GCCGUUAGGC CGAA IUGAAGAU	30380
9951	1079	UGGUAGGC U UGUCCUUA	12006	UAAGGACA CUGAUGAG GCCGUUAGGC CGAA ICCUACCA	30381
9956	1074	GGCUUGUC C UUAGACAU	12007	AUGUCUAA CUGAUGAG GCCGUUAGGC CGAA IACAAGCC	30382

9957	1073	GCUUGUCC U UAGACAUG	12008	CAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IGACAAGC	30383
9963	1067	CCUUAGAC A UGAUAGUC	12009	GACUAUCA CUGAUGAG GCCGUUAGGC CGAA IUCUAAGG	30384
9972	1058	UGAUAGUC A CGCAGCUG	12010	CAGCUGCG CUGAUGAG GCCGUUAGGC CGAA IACUAUCA	30385
9976	1054	AGUCACGC A GCUGUCGC	12011	GCGACAGC CUGAUGAG GCCGUUAGGC CGAA ICGUGACU	30386
9979	1051	CACGCAGC U GUCGCCUU	12012	AAGGCGAC CUGAUGAG GCCGUUAGGC CGAA ICUGCGUG	30387
9985	1045	GCUGUCGC C UUCGAGAA	12013	UUCUCGAA CUGAUGAG GCCGUUAGGC CGAA ICGACAGC	30388
$\vdash$	1043	CUGUCGCC U UCGAGAAC	12014	GUUCUCGA CUGAUGAG GCCGUUAGGC CGAA IGCGACAG	30389
9986		UCGAGAAC C AAAUCCAC	12015	GUGGAUUU CUGAUGAG GCCGUUAGGC CGAA IUUCUCGA	30390
9995	1035	CGAGAACC A AAUCCACC	12016	GGUGGAUU CUGAUGAG GCCGUUAGGC CGAA IGUUCUCG	30391
9996	1034	ACCAAAUC C ACCCAUGU	12017	ACAUGGGU CUGAUGAG GCCGUUAGGC CGAA IAUUUGGU	30392
10001	1029	CCAAAUCC A CCCAUGUU	12018	AACAUGGG CUGAUGAG GCCGUUAGGC CGAA IGAUUUGG	30393
10002	1028	AAAUCCAC C CAUGUUGC		GCAACAUG CUGAUGAG GCCGUUAGGC CGAA IUGGAUUU	30394
10004	1026		12019	AGCAACAU CUGAUGAG GCCGUUAGGC CGAA IGUGGAUU	30395
10005	1025	AAUCCACC C AUGUUGCU	12020	GAGCAACA CUGAUGAG GCCGUUAGGC CGAA IGGUGGAU	30396
10006	1024	AUCCACCC A UGUUGCUC	12021		30397
10013	1017	CAUGUUGC U CCAGACAC	12022		30397
10015	1015	UGUUGCUC C AGACACUC	12023	GAGUGUCU CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	
10016	1014	GUUGCUCC A GACACUCC	12024	GGAGUGUC CUGAUGAG GCCGUUAGGC CGAA IGAGCAAC	30399
10020	1010	CUCCAGAC A CUCCUUCC	12025	GGAAGGAG CUGAUGAG GCCGUUAGGC CGAA IUCUGGAG	30400
10022	1008	CCAGACAC U CCUUCCAA	12026	UUGGAAGG CUGAUGAG GCCGUUAGGC CGAA IUGUCUGG	30401
10024	1006	AGACACUC C UUCCAAGA	12027	UCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAGUGUCU	30402
10025	1005	GACACUCC U UCCAAGAA	12028	UUCUUGGA CUGAUGAG GCCGUUAGGC CGAA IGAGUGUC	30403
10028	1002	ACUCCUUC C AAGAAGUC	12029	GACUUCUU CUGAUGAG GCCGUUAGGC CGAA IAAGGAGU	30404
10029	1001	CUCCUUCC A AGAAGUCU	12030	AGACUUCU CUGAUGAG GCCGUUAGGC CGAA IGAAGGAG	30405
10037	993	AAGAAGUC U CUGUUGCU	12031	AGCAACAG CUGAUGAG GCCGUUAGGC CGAA IACUUCUU	30406
10039	991	GAAGUCUC U GUUGCUCA	12032	UGAGCAAC CUGAUGAG GCCGUUAGGC CGAA IAGACUUC	30407
10045	985	UCUGUUGC U CAUUCCAA	12033	UUGGAAUG CUGAUGAG GCCGUUAGGC CGAA ICAACAGA	30408
10047	983	UGUUGCUC A UUCCAAGG	12034	CCUUGGAA CUGAUGAG GCCGUUAGGC CGAA IAGCAACA	30409
10051	979	GCUCAUUC C AAGGCAGU	12035	ACUGCCUU CUGAUGAG GCCGUUAGGC CGAA IAAUGAGC	30410
10052	978	CUCAUUCC A AGGCAGUU	12036	AACUGCCU CUGAUGAG GCCGUUAGGC CGAA IGAAUGAG	30411
10057	973	UCCAAGGC A GUUGAAGC	12037	GCUUCAAC CUGAUGAG GCCGUUAGGC CGAA ICCUUGGA	30412
10066	964	GUUGAAGC U GUAAGCUG	12038	CAGCUUAC CUGAUGAG GCCGUUAGGC CGAA ICUUCAAC	30413
10073	957	CUGUAAGC U GGGGCCAC	12039	GUGGCCCC CUGAUGAG GCCGUUAGGC CGAA ICUUACAG	30414
10079	951	GCUGGGGC C ACCAAAAG	12040	CUUUUGGU CUGAUGAG GCCGUUAGGC CGAA ICCCCAGC	30415
10080	950	CUGGGGCC A CCAAAAGC	12041	GCUUUUGG CUGAUGAG GCCGUUAGGC CGAA IGCCCCAG	30416
10082	948	GGGGCCAC C AAAAGCAA	12042	UUGCUUUU CUGAUGAG GCCGUUAGGC CGAA IUGGCCCC	30417
10083	947	GGGCCACC A AAAGCAAU	12043	AUUGCUUU CUGAUGAG GCCGUUAGGC CGAA IGUGGCCC	30418
10089	941	CCAAAAGC A AUAGCACG	12044	CGUGCUAU CUGAUGAG GCCGUUAGGC CGAA ICUUUUGG	30419
10095	935	GCAAUAGC A CGACAAAC	12045	GUUUGUCG CUGAUGAG GCCGUUAGGC CGAA ICUAUUGC	30420
10100	930	AGCACGAC A AACACAAC	12046	GUUGUGUU CUGAUGAG GCCGUUAGGC CGAA IUCGUGCU	30421
10104	926	CGACAAAC A CAACUCUC	12047	GAGAGUUG CUGAUGAG GCCGUUAGGC CGAA IUUUGUCG	30422
10106	924	ACAAACAC A ACUCUCUG	12048	CAGAGAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30423
10109	921	AACACAAC U CUCUGCAU	12049	AUGCAGAG CUGAUGAG GCCGUUAGGC CGAA IUUGUGUU	30424
10111	919	CACAACUC U CUGCAUGG	12050	CCAUGCAG CUGAUGAG GCCGUUAGGC CGAA IAGUUGUG	30425
10113	917	CAACUCUC U GCAUGGUG	12051		30426
10116		CUCUCUGC A UGGUGUUG	12052		30427
10126		GGUGUUGC U CCCAAGCA	12053		30428
10128	<del></del>	UGUUGCUC C CAAGCAUC	12054		30429
	902	GUUGCUCC C AAGCAUCC	12055		30430
10129		UUGCUCCC A AGCAUCCA	12056	<u> </u>	30431
10130	<del></del>	<del></del>	12056		30432
10134	<del></del>	UCCCAAGC A UCCAACCA		CAUUGGUU CUGAUGAG GCCGUUAGGC CGAA IAUGCUUG	30432
10137		CAAGCAUC C AACCAAUG	12058		<del> </del>
10138	<del></del>	AAGCAUCC A ACCAAUGA	12059		30434
10141	<del></del>	CAUCCAAC C AAUGACGG	12060	CCGUCAUU CUGAUGAG GCCGUUAGGC CGAA IUUGGAUG	30435
10142		AUCCAACC A AUGACGGC	12061		30436
10151		AUGACGGC U GCCACCAG	12062	CUGGUGGC CUGAUGAG GCCGUUAGGC CGAA ICCGUCAU	30437
10154		ACGGCUGC C ACCAGGGC	12063	GCCCUGGU CUGAUGAG GCCGUUAGGC CGAA ICAGCCGU	30438
10155	·	CGGCUGCC A CCAGGGCA	12064		30439
10157		GCUGCCAC C AGGGCAUA	12065	UAUGCCCU CUGAUGAG GCCGUUAGGC CGAA IUGGCAGC	30440
10158	872	CUGCCACC A GGGCAUAU	12066		30441
10163	<del></del>	ACCAGGGC A UAUCCAGG	12067		30442
10168	862	GGCAUAUC C AGGGUUCC	12068	GGAACCCU CUGAUGAG GCCGUUAGGC CGAA IAUAUGCC	30443
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Table IX

1877   653   AGRIGUEC C UPANADIC   12971   GARDETOR CURATRAG GECSULUAGO CARA HARCECUS   30445   1877   653   AGRIGUECO C ANDADICO   12972   AGRICUTUS CURADRAG GECSULUAGO CARA HARCECUS   30445   1879   651   GOTICOTO A AGRICON   12973   AGRICUTUS CURADRAG GECSULUAGO CARA HARCECUS   30445   1879   651   GOTICOTO A AGRICON   12973   AGRICUTUS CURADRAG GECSULUAGO CARA HARCEUS   30445   1870   654   CARAGRUEC A URANITUS   12974   AGRICUTUS CURADRAG GECSULUAGO CARA HARCEUS   30445   1870   70   CARAGRUEC A URANITUS   12975   GUARARAC CURADRAG GECSULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C ARAIRECUS   12975   GUARARAC CURADRAG GECSULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C ARAIRECUS   12976   AGRICUTUS CURADRAG GECSULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C ARAIRECUS   12976   AGRICUTUS CURADRAG GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C ARAIRECUS   12978   AGRICUAGO CORARA GUARARA GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C ARAIRECUS   12978   AGRICUAGO CORARA GUARARA GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C URGUECUS   12978   AGRICONO C. CUBARRAG GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C URGUECUS   12978   AGRICONO C. CUBARRAG GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C URGUECUS   12978   AGRICONO C. CUBARRAG GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C URGUECUS   12910   AGRICOCAC CUBARRAG GECOULUAGO CARA HARCEUS   30455   1870   70   TURITURICO C URCUADAS   12910   AGRICOCAC CUBARRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URCUADAS   12910   AGRICOCAC CUBARRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URICUAGO CUBARRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URICUAGO CUBARRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URICUAGO CUBARRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URICUAGO CUBARRAG GUARDRAG GECOULUAGO CARA HARCEUS   30457   1870   70   TURITURICO C URICUAGUS   12918   ACRAGRAG CUBARRA	10169	861	GCAUAUCC A GGGUUCCU	12069	AGGAACCC CUGAUGAG GCCGUUAGGC CGAA IGAUAUGC	30444
10379   853   AGGIUTICE U CARANICE   1971   GARJEUNE CIURIURIS (GEQUILAGE) CARA IRACACCU   30445   10379   851   GUIDICENE A ARANICENI   1972   AUGARDIC UNDIAGRA (GEQUILAGE) CARA IRACACCU   30447   10315   845   UCARARIC CA AUGARDIC   12973   AGARDICAL CIURIURIS (GEQUILAGE) CARA IRACACCU   30447   10315   845   UCARARIC CA AUGARDIC   12974   CARARICE CIURIURIS (GEQUILAGE) CARA IRACACUC   30445   10315   377   CALICARUTE O GUIDIURIC   12975   GUIDIURICAL CURIURIS (GEQUILAGE) CARA IRACACUCI   30445   10320   3277   CALICARUTE O GUIDIURIC   12976   AGGIURIURIC CURIURIS (GEQUILAGE) CARA IRACACUCI   30445   10320   3277   UTURIURICE A ARAINCEUI   12976   AGGIURIURI CHARIARA (GEGUILAGE) CARA IRACACUR   30450   10320   3277   UTURIURICE A ARAINCEUI   12976   AGGIURIA CHARIARA (GEGUILAGE) CARA IRACACUR   30450   10320   327   CALICARUTE CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CARA CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   CALICARUTE CARA CURIURIURI CURIURIA (GEGUILAGE) CARA IRACACUR   30451   10321   320   3						30445
1975   1971   GENERACINE C. GIOGNIPOLE   1977   ADGIANCE CRUDATOR GEOGRAPHOSE CORA INSCRIME   30448   10186   844   CAMORINCE A DIGITITUDE   12073   ADGIANCE CRUDATOR GEOGRAPHOSE CORA INSCRIME   30448   10186   844   CAMORINCE A DIGITITUDE   12075   GUIDALANCE CRUDATOR GEOGRAPHOSE CORA INSCRIMEN   30445   10186   844   CAMORINCE A DIGITITUDE   12075   GUIDALANCE CRUDATOR GEOGRAPHOSE CORA INSCRIMEN   30450   10187   2						30446
1915   1945   1946   1947						30447
1925   944   CARGRUCC A UGARUNCUS   12075   CARGANICA CUGARURAS   COCUULAGOS   CRA LANGURUS   30455   101253   8377   CAUGARUC U GURUUNAC   12075   CARGANICA   CUGARURAS   COCUULAGOS   CRA LANGURUS   30455   10203   8278   GURUUUCC C AARUACCU   12077   AAGGRUUU CUGARURAS   COCUULAGOS   CRA LANGURUS   30451   10203   8271   CUULUACC E AARUACCU   12077   AAGGRUUU CUGARURAS   COCUULAGOS   CRA LAURANAA   30452   10203   8271   CUULUACC E AARUACCU   12077   AAGGRUUU CUGARURAS   COCUULAGOS   CRA LURANAAA   30452   10210   8210   CAAAAUACC U UUGUGGCU   12077   AAGGRUUU CUGARURAS   COCUULAGOS   CRA LURANAAA   30452   10210   8210   CAAAUACC U UUGUGGCU   12077   AAGGRUUU CUGARURAS   COCUULAGOS   CRA LURANAAA   30452   10211   8212   UUGUGGGC U UUGUGGCU   120780   AGCRCCA CUGARURAS   COCUULAGOS   CRA LURANAA   30452   10213   8312   UUGUGGGC U UUGUGGCO   120880   AAGGRCCA   CUGARURAS   COCUULAGOS   CRA LURANAA   30457   10225   805   CUUGUGGC U GUCCALOC   120881   AAGGRCCA   CUGARURAS   COCUULAGOS   CRA LURANAA   30457   10225   805   CUUGUGGGC U GUCCALOC   12082   GAUGGGGGCU   CUGARURAS   COCUULAGOS   CRA LURANAA   30457   10226   805   CUUGUGGC U C AUCCAACC   12081   ACUUCAGOS   CUGARURAS   COCUULAGOS   CRA LURANAA   30457   10231   797   UUGUCAGO C AAGCCCCC   12081   AGGRUUGGA   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10231   798   GUCCALOC C AAGCCCCC   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10238   792   AUCCAAGO C C CUUCUUU   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10239   791   UUCCAAGO C C CUUCUUU   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10239   791   UUCCAAGO C C CUUCUUU   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10239   791   UUCCAAGO C C CUUCUUU   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10239   791   UUCCAAGO C C CUUCUUC   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS   CRA LACAGACC   30465   10239   792   AUCCAAGO C C UUCUUCU   12081   AAGGRAGO   CUGARURAS   GCCUULAGOS	_					30448
1925   337   CAUGAURIC U GUUUUURA   12975   GURABARAC CUGARURAGE GCCSUULAGEC GRA ITANICAUR   19451   10203   237   UUUUURAC C AAAURACCU   12977   AAGGURUU CUGARURAG GCCSUULAGEC GRA ITANICAUR   19451   10203   237   UUUUURAC C AAAURACCU   12977   AAGGURUU CUGARURAG GCCSUULAGEC GRA ITANICAUR   19451   10203   237   UUUUURAC C AAAURACCU   12079   AAGGURUU CUGARURAG GCCSUULAGEC GRA ITANICAURA   19451   10210   230   CAAAURACC U UGUGGGCU   12079   AGGCACCA CUGARURAG GCCSUULAGEC GRA ITANICAURA   30453   10211   232   UUUUGGGC C UUUGGGCU   12079   AGGCACCA CUGARURAG GCCSUULAGEC GRA ITANICAURA   30451   10211   232   UUUUGGGC C UUUGGGCU   12081   CAACCCA CUGARURAG GCCSUULAGEC GRA ITANICAURA   30451   10212   232   UUUUGGGC C UUUGGGCU   12081   CAACCCA CUGARURAG GCCSUULAGEC GRA ITANICAURA   30451   10225   805   CUUGGGGC C AUCCARAG   12081   CAACCCA CUGARURAG GCCSUULAGEC GRA ITANICAURA   30451   10225   805   CUUGGGGC C AUCCARAG   12081   CACCCARA GCC   1208	<del></del>					
1920   1938   1939				<del></del>		
10229   827	<b></b>		L			
10210   821						
10210   820   CARADREC U UGUIGGCU   12079   AGGCCAC CUGNUNGG   CGAN IGUNUUU   30454   10217   833   CUUGUIGGC U UGUIGUGCU   12080   AGCACCAC CUUGNUGGG   CGAN IGCACAAD   30455   10218   832   UUGUIGGC U UUGUIGUCU   12081   CAGCACCA CUUGNUGGG   CGCUULAGGC   CGAN ICCACAAD   30455   10225   805   UUGUIGUGC C AUCCAMGC   12082   GGAUGGAC CUUGNUGGG   CGCUULAGGC   CGAN ICCACAAD   30457   10225   801   UUGUIGUGC C AUCCAMGC   12083   GGCUUGGGU CUGNUGGG   CGCUULAGGC   CGAN ICCACAAD   30457   10225   801   UUGUIGUGC C AUCCAMGC   12084   GGCUUGGAU CUGNUGGG   CGCUULAGGC   CGAN ICCACACA   30458   10233   797   UGUICAUC C ANGCCCCU   12085   GGGGGCU UUGNUGGG   CGCAN IGACAGCA   30459   10233   797   UGUICAUC C ANGCCCCC   12085   GGGGGCU UUGNUGGG   CGAN IGACAGCA   30459   10234   796   GUICAUC C A AGCCCCC   12085   GGGGGCU UUGNUGGG   CGAN IGACAGCA   30461   10236   792   ANCCAMGC   CCCUULUUU   12087   AAGAAGG   CUGNUGGG   CGAN IGACAGCA   30461   10236   792   ANCCAMGC   CCCUULUUU   12087   AAGAAGG   CUGNUGGG   CGAN IGACAGGA   30461   10244   789   CAAGAGCC   CUUCUUGU   12098   AACAAGAG   CUGNUGGG   CGAN IGACAGGA   30461   10244   789   CAAGAGCC   CUUCUUGU   12099   AACAAGAA   CUGNUGGG   CGAN IGACGGG   30464   10244   789   CAAGAGCC   UUCUUGUU   12099   AACAAGAA   CUGNUGGG   CGAN IGACGGG   30464   10242   788   AACCCCCC   UUCUUGUU   12099   AACAAGAA   CUGNUGGG   CGAN IGACGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30467   10253   777   UUGUICAGC   UUGUUCGG   12099   AACAAGGA   CUGNUGGG   CGAN IGAGGGG   30466   10265   765	1					
10217   813						
1922  812   UDGUGGCC U UGGUGCUG   12081   CAGCACCA CUGAUGAG   GCCGUUAGGC   CGAA TGCCACAA   30455   1922  891   GUGGUGCC C AUCCAAGC   12084   GCCUUGGAC CUGAUGAG   GCCGUUAGGC   CGAA TCACCACAA   30457   1923  891   GUGCUGCC C AUCCAAGCC   12084   GCCUUGGAC CUGAUGAG   GCCGUUAGGC   CGAA TCACCACAA   30457   1923  797   UGUCCAUC C AACCCCCC   12085   GGCGGCUU CUGAUGAG   GCCGUUAGGC   CGAA TCACCACAA   30458   1923  797   UGUCCAUC C AACCCCCC   12085   AGGGGCUU CUGAUGAG   GCCGUUAGGC   CGAA TGACCACA   30459   1923  797   UGUCCAUC C AACCCCCC   12085   AGGGGCUU CUGAUGAG   GCCGUUAGGC   CGAA TGACCACA   30461   1923  797   UGCCAUC C A AGCCCCC   12085   AGGGGGCUU CUGAUGAG   GCCGUUAGGC   CGAA TGACGACA   30461   1923  797   UCCAAGCC C CCUUCUU   12088   CAACAAGA CUGAUGAG   GCCGUUAGGC   CGAA TGACUGAG   30461   1924  798   AUCCAAGC C CCUUCUU   12088   CAACAAGA CUGAUGAG   GCCGUUAGGC   CGAA TGACUGAG   30461   1924  799   CCAACACCC C CUUCUUU   12098   CAACAAGA CUGAUGAG   GCCGUUAGGC   CGAA TGACUGAG   30461   1924  798   CAAGACCCC C UUCUUUU   12099   AACAAGAA CUGAUGAG   GCCGUUAGGC   CGAA TGACCUGAG   30461   1924  798   CAAGACCCC U UGUUCUUC   12099   AACAAGAA CUGAUGAG   GCCGUUAGGC   CGAA TGACCUGA   30466   1924  798   CAAGACCCC U UGUUCUUC   12099   AACAAGAA CUGAUGAG   GCCGUUAGGC   CGAA TGACGCUU   30465   1924  798   CAAGACCAC U UGUUCUCC   12099   AACAAGAA CUGAUGAG   GCCGUUAGGC   CGAA TGACGCUU   30465   1925  797   UUGUUCGC U AGAGUGCU   12099   AACAAGAA CUGAUGAG   GCCGUUAGGC   CGAA TGACGCUU   30465   1925  797   UUGUUCGC U AGAGUGCU   12099   AACAAGAG CUGAUGAG   GCCGUUAGGC   CGAA TGACGCUU   30465   1925  797   UUGUUCGC U AGAGUGCU   12099   AACAACAC   CUGAUGAG   GCCGUUAGGC   CGAA TAAAGAGA   30466   1926  798   UAAGAGUGCU U UTUCCUCU   12099   AACAACAC   CUGAUGAG   GCCGUUAGGC   CGAA TAAAGAGA   30466   1926  798   UAAGAGUGCU U UTUCCUCU   12099   AACAACAC   CUGAUGAG   GCCGUUAGGC   CGAA TAAAGAGA   30466   1926  799   UAAGAGGC CUGAUGAG   12099   CUCAUGAG   CUGAUGAG   CGAA TAAAGAGA   30472   1926  799   AACAAGGA   CUGAUGAG   12099   CUCAUGAG   CUGAU	1					
10225   805						
102329   801	<del></del>					
10233   800	<del></del>					
10233   797		801				
10234   796			<del></del>			
10238   792	10233	797	UGUCCAUC C AAGCCCCC			
10235   791	10234	796	GUCCAUCC A AGCCCCCU			
10240	10238	792		12087		
10241   789	10239	791	UCCAAGCC C CCUUCUUG	12088		
10244	10240	790		12089		
10245	10241	789	CAAGCCCC C UUCUUGUU	12090		30465
10251   777	10242	788	AAGCCCCC U UCUUGUUC	12091	GAACAAGA CUGAUGAG GCCGUUAGGC CGAA IGGGGCUU	30466
10261   769	10245	785	CCCCCUUC U UGUUCGCU	12092	AGCGAACA CUGAUGAG GCCGUUAGGC CGAA IAAGGGGG	30467
10265   765	10253	777	UUGUUCGC U AGAGUGCU	12093	AGCACUCU CUGAUGAG GCCGUUAGGC CGAA ICGAACAA	30468
10267   763   GCUUUCUC C GUUUGUCU   12096   AGACACC CUGAUGAG   GCCGUUAGGC   CGAA IAGAAAGC   30471   10275   755   CGUGUGUC U GCACUGUC   12097   GACAGUGC CUGAUGAG   GCCGUUAGGC   CGAA IACACACG   30472   10286   752   GUGUCUGC A CUGCAGU   12098   ACUGACAG CUGAUGAG   GCCGUUAGGC   CGAA IACACACG   30473   10280   750   GUCUGCAC U GUCAGUG   12099   UCACUGAC   CUGAUGAG   GCCGUUAGGC   CGAA IACACACG   30473   10280   750   GUCUGCAC U GUCAGUGA   12099   UCACUGAC   CUGAUGAG   GCCGUUAGGC   CGAA IACACACG   30473   10280   740   UCAGUGAC   GUCACCUC   12100   GAGGUCAC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGUGC   30475   10290   740   UCAGUGAC   UCCACCGC   12101   CAGUCGGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGUGC   30475   10291   739   CAGUGACC   CCGACUGC   12102   GCAGUCGG   CUGAUGAG   GCCGUUAGGC   CGAA IACAGUGC   30477   10293   737   GUGACCUC   CACUCGGU   12101   CAGUCGG   CUGAUGAG   GCCGUUAGGC   CGAA IACAGUCAC   30478   10297   733   CCCCCGAC   U GCGUCUUG   12104   CAAGACGC   CUGAUGAG   GCCGUUAGGC   CGAA IACAGUCAC   30478   10333   727   ACUGCGUC   U UGAGUGGC   12105   GCCACUCA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCAG   30479   10303   727   ACUGCGUC   U UGAGUGGC   12105   GCCACUCA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCAG   30481   10324   706   CUUGGUGC   A UCUUCCAU   12106   AUGCACCA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCAG   30481   10324   706   CUUGGUGC   A UCUUCCAU   12107   AUGGAAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGCAG   30481   10335   699   CAUCUUC   A UACCUGAC   12108   GUAUGGA   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAG   30481   10335   699   CAUCUUC   A UACCUGAC   12108   GUAUGGA   CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAC   30483   10335   695   UUCCAUAC   UGACUGA   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAC   30483   10335   695   UUCCAUAC   UGACUGA   UCACUGA   CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAC   30483   10336   694   UCCAUAC   UGACUGAC   UGAUGAG   GCCGUUAGGC   CGAA IAUGCAC   30483   10336   694   UCCAUAC   UGACGUA   12111   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IAUGCAC   30483   10336   694   UCCAUAC	10261	769	UAGAGUGC U UUCUCCGU	12094	ACGGAGAA CUGAUGAG GCCGUUAGGC CGAA ICACUCUA	30469
10275   755	10265	765	GUGCUUUC U CCGUGUGU	12095	ACACACGG CUGAUGAG GCCGUUAGGC CGAA IAAAGCAC	30470
10278   752	10267	763	GCUUUCUC C GUGUGUCU	12096	AGACACAC CUGAUGAG GCCGUUAGGC CGAA IAGAAAGC	30471
10280   750   GUCUGCAC U GUCAGUGA   12099   UCACUGAC CUGAUGAG   GCCGUUAGGC   CGAA IUGCAGAC   30474   10284   746   GCACUGUC A GUGACCUC   12100   GAGGUCAC CUGAUGAG   GCCGUUAGGC   CGAA IUCACUGA   30475   10290   740   UCAGUGAC C UCCGACUGC   12101   CAGUCGGA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACUGA   30476   10291   739   CAGUGACC U CCGACUGC   12102   GCAGUCGG   CUGAUGAG   GCCGUUAGGC   CGAA IGUCACUG   30477   10293   737   GUGACCUC   GACUGGGU   12103   ACGCAGUC   CUGAUGAG   GCCGUUAGGC   CGAA IGUCACUG   30477   10293   737   GUGACCUC   GACUGGGU   12104   CAAGACGC   CUGAUGAG   GCCGUUAGGC   CGAA IAGUCACU   30478   10303   727   ACUCCGAC U GUGAUGAG   GCCGUUAGGC   CGAA IAGUCACU   30478   10303   727   ACUCGGUC   U UGAUGGGC   C1204   CAAGACGC   CUGAUGAG   GCCGUUAGGC   CGAA IAGCACGU   30480   10317   713   GGCGUGUC   U UGGUGGC   12105   AUGCACCA   CUGAUGAG   GCCGUUAGGC   CGAA IACCACGA   30481   10324   706   CUUGGUGC   A UCUUCCAU   12107   AUGGAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACACCACU   30481   10324   706   CUUGGUGC   A UCUUCCAU   12107   AUGGAGAG   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   30481   10330   700   GCAUCUUC   AUACCUGA   12109   UCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IACACCAC   30481   10331   699   CAUCUUCC   AUACCUGA   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IACACACAC   30483   10335   695   UUCCAUACC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IACACAC   30483   10335   695   UUCCAUACC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGAC   30483   10336   694   UCCAUACC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IACAGAC   30483   10336   694   UCCAUACC   UGACGUAG   12111   ACAAGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30486   10336   694   UCCAUACC   GACCAGAC   12113   AGUCACC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30486   10336   694   UCCAUACC   GACCAGAC   12113   AGUCACAC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGCA   30481   10349   681   UAGACACC   GACCAGAC   12113   AGUCACAC   CUGAUGAG   GCCGUUAGGC   CGAA IUCACCAG   30491   10366   664	10275	755	CGUGUGUC U GCACUGUC	12097	GACAGUGC CUGAUGAG GCCGUUAGGC CGAA IACACACG	30472
10284   746   GCACUGUC A GUGACCUC   12100   GAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IACAGUGC   30475   10290   740   UCAGUGAC C UCCGACUGC   12101   CAGUCGGA CUGAUGAG GCCGUUAGGC CGAA IUCACUGA   30476   10291   739   CAGUGACC U CCGACUGC   12102   GCAGUCGG CUGAUGAG GCCGUUAGGC CGAA IGUCACUGA   30477   10293   737   GUGACCUC C GACUGCGU   12103   ACGCAGUC CUGAUGAG GCCGUUAGGC CGAA IGUCACUG   30477   10293   737   GUGACCUC C GACUGCGU   12104   CAAGACGC CUGAUGAG GCCGUUAGGC CGAA IACGUCAC   30478   10297   733   CCUCCGAC U GCGUCUGG   12105   GCCACUCA CUGAUGAG GCCGUUAGGC CGAA IACGCAGG   30479   10303   727   ACUGCGUC U UGAUGAGC   12105   GCCACUCA CUGAUGAG GCCGUUAGGC CGAA IACCAGGC   30481   10317   713   GGCGUUUC U UGGUGCAU   12106   AUGCACCA CUGAUGAG GCCGUUAGGC CGAA IACCAGCC   30481   10324   706   CUUGGUGCA   UCCAUACC   12108   GGUAUGGA CUGAUGAG GCCGUUAGGC CGAA IACCAGCC   30481   10330   700   GCAUCUUC C AUACCUGA   12108   GGUAUGGA CUGAUGAG GCCGUUAGGC CGAA IACACCAG   30482   10330   700   GCAUCUUC C AUACCUGA   12109   UCAGUGAU CUGAUGAG GCCGUUAGGC CGAA IACACCAG   30483   10330   700   GCAUCUUC C AUACCUGA   12109   UCAGGUAU CUGAUGAG GCCGUUAGGC CGAA IACACACA   30484   10331   699   CAUCUUCC A UACCUGA   12110   GUCAGGUA CUGAUGAG GCCGUUAGGC CGAA IACAGAC   30483   10335   695   UUCCAUAC C UGACGUAG   12111   CUACGUCA CUGAUGAG GCCGUUAGGC CGAA IACAGAC   30485   10335   695   UUCCAUAC C UGACGUAG   12111   CUACGUCA CUGAUGAG GCCGUUAGGC CGAA IACAGACG   30486   10336   694   UCCAUACC U GACGUAGA   12112   UCUACGUC CUGAUGAG GCCGUUAGGC CGAA IUAUGGAA   30485   10336   694   UCCAUACC U GACGUAGA   12112   UCUACGUC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU   30488   10336   694   UCCAUACC U GACGUAGA   12113   UCUACGUC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU   30488   10336   694   UCCAUACC U GACGAG   12114   ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU   30488   10349   681   UAGACUGC U ACCAACAGU   12114   ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG   30491   10366   664   GCACCAAC A GUCGAUGU   12116   ACUGUGGC CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG   30491   10366	10278	752	GUGUCUGC A CUGUCAGU	12098	ACUGACAG CUGAUGAG GCCGUUAGGC CGAA ICAGACAC	30473
10290	10280	750	GUCUGCAC U GUCAGUGA	12099	UCACUGAC CUGAUGAG GCCGUUAGGC CGAA IUGCAGAC	30474
10291   739	10284	746	GCACUGUC A GUGACCUC	12100	GAGGUCAC CUGAUGAG GCCGUUAGGC CGAA IACAGUGC	30475
10293   737	10290	740	UCAGUGAC C UCCGACUG	12101	CAGUCGGA CUGAUGAG GCCGUUAGGC CGAA IUCACUGA	30476
10297   733   CCUCCGAC U GCGUCUUG   12104   CAAGACGC CUGAUGAG   GCCGUUAGGC CGAA IUCGGAGG   30479   10303   727   ACUGCGUC U UGAUGAGC   12105   GCCACUCA CUGAUGAG   GCCGUUAGGC CGAA IACGCAGU   30480   10317   713   GGCGUUC U UGAUGAGU   12106   AUGCACCA CUGAUGAG   GCCGUUAGGC CGAA IACACGCC   30481   10324   706   CUUGGUGC A UCUUCCAU   12107   AUGGAGA CUGAUGAG   GCCGUUAGGC CGAA IACACCAC   30481   10324   706   CUUGGUGC A UCUUCCAU   12107   AUGGAGA CUGAUGAG   GCCGUUAGGC CGAA IACACCACAG   30482   10327   703   GGUGCAUC U UCCAUACC   12108   GGUAUGGA CUGAUGAG   GCCGUUAGGC CGAA IAUGCACC   30483   10330   700   GCAUCUUC C   AUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC CGAA IAUGCACC   30483   10331   699   CAUCUUCC   AUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC CGAA IAAGAUGC   30484   10331   699   CAUCUUCC   AUACCUGAC   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAUG   30485   10336   694   UCCAUACC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30486   10336   694   UCCAUACC   UGACGUAG   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30487   10346   684   ACGUAGAC   UGAUGAG   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30488   10349   681   UAGACUGC   U GACUUGU   12113   AAGUCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30488   10353   677   CUGCUGAC   U UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAG   30490   10360   670   CUUUGUC   ACACAGUC   12115   GUGCACAA   GUCAUGAG   GCCGUUAGGC   CGAA IUCAGCAG   30491   10362   668   UUGUGCAC   CAACAGUC   12115   GUGCACAA   GCCGUUAGGC   CGAA IUCAGCAG   30491   10366   664   UGGUGCAC   AACAGUC   12116   ACUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAG   30491   10366   664   GCACCAAC   GUCGAUGAC   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAC   30493   10366   664   GCACCAAC   AGCAGCAC   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUCACCAC   30493   10366   664   GCACCAAC   AGCACACC   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUCACCAC   30493   10376   654   UCGAGCAC	10291	739	CAGUGACC U CCGACUGC	12102	GCAGUCGG CUGAUGAG GCCGUUAGGC CGAA IGUCACUG	30477
10297   733   CCUCCGAC U GCGUCUUG   12104   CAAGACGC CUGAUGAG GCCGULAGGC CGAA IUCGGAGG   30479   10303   727   ACUGCGUC U UGAGUGGC   12105   GCCACUCA CUGAUGAG   GCCGULAGGC CGAA IACGCACU   30480   10317   713   GGCGUUC U UGGUGCAU   12106   AUGCACCA CUGAUGAG   GCCGULAGGC CGAA IACACGCC   30481   10324   706   CUUGGUGC A UCUUCCAU   12107   AUGGAGA CUGAUGAG   GCCGULAGGC CGAA IACACGCC   30481   10327   703   GGUGCAUC U UCCALACC   12108   GGUAUGGA CUGAUGAG   GCCGULAGGC CGAA IACACACC   30483   10330   700   GCAUCUUC C   AUACCUGA   12109   UCAGGUAU CUGAUGAG   GCCGULAGGC   CGAA IAGAUGC   30484   10331   699   CAUCUUCC A UACCUGAC   12110   GUCAGGUA   CUGAUGAG   GCCGULAGGC   CGAA IAGAUGC   30485   10335   695   UUCCALACC   UGACGUAG   12110   GUCAGGUA   CUGAUGAG   GCCGULAGGC   CGAA IAGAUGC   30485   10336   694   UCCAUACC   UGACGUAGA   12111   UCUACGUC   CUGAUGAG   GCCGULAGGC   CGAA IAGAUGC   30487   10346   684   ACGUAGAC   U GCUGACUU   12113   AAGUCAGC   CUGAUGAG   GCCGULAGGC   CGAA IUCLACGU   30487   10346   684   ACGUAGAC   U GCUGACUU   12113   AAGUCAGC   CUGAUGAG   GCCGULAGGC   CGAA IUCLACGU   30488   10349   681   UAGACUGC   U GCUGACUU   12114   ACAAAGUC   CUGAUGAG   GCCGULAGGC   CGAA IUCLACGU   30488   10353   677   CUGCUGAC   U UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGULAGGC   CGAA IUCAGCAG   30490   10360   670   CUUUGUGC   CCAACAGU   12116   GUGCACAA   CUGAUGAG   GCCGULAGGC   CGAA IUCAGCAG   30491   10366   664   GCACCAAC   ACAGUCG   12115   GUGCACAA   GUGAUGAG   GCCGULAGGC   CGAA IUCAGCAG   30491   10366   664   GCACCAAC   ACAGUCG   12118   UCGACUGU   CUGAUGAG   GCCGULAGGC   CGAA IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCG   12118   UCGACUGU   CUGAUGAG   GCCGULAGGC   CGAA IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCG   12119   ACAUCGAC   CUGAUGAG   GCCGULAGGC   CGAA IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCGA   12120   GAUCCAGA   GCCGULAGGC   CGAA IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCGA   12120   GAUCCAGA   GUGAUGAG   GCCGULAGGC   CGAA IUCAGCAC   30493   10396   654   UCG		737	GUGACCUC C GACUGCGU	12103	ACGCAGUC CUGAUGAG GCCGUUAGGC CGAA IAGGUCAC	30478
10317   713   GGCGUGUC U UGGUGCAU   12106   AUGCACCA CUGAUGAG   GCCGUUAGGC   CGAA   IACACGCC   30481   10324   706   CUUGGUGC A UCUUCCAU   12107   AUGGAAGA CUGAUGAG   GCCGUUAGGC   CGAA   IACACCAAG   30482   10327   703   GGUGCAUC U UCCAUACC   12108   GGUAUGGA   CUGAUGAG   GCCGUUAGGC   CGAA   IAUGCACC   30483   10330   700   GCAUCUUC   CAUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC   CGAA   IAAGAUGC   30483   10331   699   CAUCUUCC   AUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC   CGAA   IAAGAUGC   30485   10335   695   UUCCAUAC   UGACGUA   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA   IAAGAUGC   30486   10335   695   UUCCAUAC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA   IUAUGGAA   30486   10336   694   UCCAUACC   UGACGUAG   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA   IUAUGGAA   30487   10346   684   ACGUAGAC   UGCUGACUU   12113   AAGUCAGC   CUGAUGAG   GCCGUUAGGC   CGAA   IUCACGU   30488   10349   681   UAGACUGC   U GACUUAU   12114   ACAAAGUC   CUGAUGAG   GCCGUUAGGC   CGAA   IUCACGU   30489   10353   677   CUGCUGAC   UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAG   30490   10360   670   CUUUGUGC   A CCACAGU   12115   ACUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAG   30491   10362   668   UUGUGCAC   ACAGUCG   12115   ACUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAG   30491   10366   664   GCACCAAC   ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAA   30492   10366   664   GCACCAAC   ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAA   30492   10366   664   GCACCAAC   ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCGA   12129   ACAUCGAC   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAC   30493   10366   664   GCACCAAC   ACAGUCGA   12121   AUGACCC   CUGAUGAG   GCCGUUAGGC   CGAA   IUCAGCAC   30494   10376   654   UCGAUGAC   ACAGCAC   12122   GCUGGGC   CUGAUGAG   GCCGUUAGGC   CGAA   IUCACGAC   30494   10396   640   AUCAUUAC   CACCACACAC   12122   GCUGGGC   C		733	CCUCCGAC U GCGUCUUG	12104	CAAGACGC CUGAUGAG GCCGUUAGGC CGAA IUCGGAGG	30479
10317   713   GGCGUGUC U UGGUGCAU   12106   AUGCACCA CUGAUGAG   GCCGUUAGGC   CGAA IACACGCC   30481   10324   706   CUUGGUGC A UCUUCCAU   12107   AUGGAAGA CUGAUGAG   GCCGUUAGGC   CGAA IACACCAAG   30482   10327   703   GGUGCAUC U UCCAUACC   12108   GGUAUGAG   GCCGUUAGGC   CGAA IAUGCACC   30483   10330   700   GCAUCUUC C   AUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAUGC   30484   10331   699   CAUCUUC C   AUACCUGA   12109   UCAGGUAU   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAUGC   30485   10335   695   UUCCAUAC   UGACGUAG   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IAAGAUGC   30485   10335   695   UUCCAUAC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IAUAUGAA   30486   10336   694   UCCAUACC   UGACGUAG   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30487   10346   684   ACGUAGC   UGACGUAG   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30488   10349   681   UAGACUGC   UGACUGAC   12113   AAGUCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30488   10349   681   UAGACUGC   UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACCAG   30490   10360   670   CUUUGUGC   A CCACAGU   12116   ACUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IUCACCAG   30490   10362   668   UUGUGCAC   ACAGUCG   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACAAA   30491   10362   668   UUGUGCAC   ACAGUCGA   12116   ACUGUUG   CUGAUGAG   GCCGUUAGGC   CGAA IUCACAAA   30492   10366   664   GCACCAAC   ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUCACAAA   30492   10366   664   GCACCAAC   ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUGCACAA   30493   10366   664   GCACCAAC   ACAGUCGA   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACGAA   30493   10366   664   GCACCAAC   ACAGUCGA   12121   AUGACCGA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACGA   30494   10376   654   UCGAUGAC   UCUGGAUC   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAUCGA   30495   10396   654   UCUAGAUC   UCUGGAUC   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IUCACGA   30496		727	ACUGCGUC U UGAGUGGC	12105	GCCACUCA CUGAUGAG GCCGUUAGGC CGAA IACGCAGU	30480
10324   706		<del></del>	GGCGUGUC U UGGUGCAU	12106	AUGCACCA CUGAUGAG GCCGUUAGGC CGAA IACACGCC	30481
10327   703   GGUGCAUC U UCCAUACC   12108   GGUAUGGA CUGAUGAG   GCCGUUAGGC   CGAA IAUGCACC   30483   10330   700   GCAUCUUC C AUACCUGA   12109   UCAGGUAU CUGAUGAG   GCCGUUAGGC   GCAA IAAGAUGC   30484   10331   699   CAUCUUCC A UACCUGAC   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   GCAA IGAAGAUG   30485   10335   695   UUCCAUACC   UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   GCAA IUAUGGAA   30486   10336   694   UCCAUACC   UGACGUAGA   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   GCAA IUAUGGAA   30487   10346   684   ACGUAGAC   UGACGUUA   12113   AAGUCAGC   CUGAUGAG   GCCGUUAGGC   GCAA IUCUACGU   30488   10349   681   UAGACUGC   U GACUUUGU   12114   ACAAAGUC   CUGAUGAG   GCCGUUAGGC   GCAA IUCUACGU   30488   10349   681   UAGACUGC   U UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   GCAA IUCAGCAG   30490   10360   670   CUUUGUGC   A CCAACAGU   12116   ACUGUUGG   CUGAUGAG   GCCGUUAGGC   GCAA IUCAGCAG   30491   10362   668   UUGUGCAC   A ACAGUCG   12117   CGACUGUU   CUGAUGAG   GCCGUUAGGC   GCAA IUCAGCAG   30491   10366   664   GCACCACA   A GCAGUCG   12117   CGACUGUU   CUGAUGAG   GCCGUUAGGC   GCAA IUGGACAA   30492   10366   664   GCACCACA   A GUCGAUGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   GCAA IUUGGACAA   30494   10376   654   UCGAUGUC   U UCUGGAUC   12119   ACAUCGAC   CUGAUGAG   GCCGUUAGGC   GCAA IUUGGUGC   30494   10376   654   UCGAUGUC   U UCUGGAUC   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   GCAA IUUGGUGC   30494   10376   654   UCGAUGUC   U UCUGGAUC   12121   AAUGAUCC   CUGAUGAG   GCCGUUAGGC   GCAA IACAUCGA   30495   10399   651   AUGUUCC   GGAUCAUU   12121   AAUGAUCC   CUGAUGAG   GCCGUUAGGC   GCAA IACAUCGA   30495   10399   651   AUGUUCC   A GCCGACAC   12122   GCUGGUAA   CUGAUGAG   GCCGUUAGGC   GCAA IACAUCGA   30495   10399   651   AUGUUCC   A GCCGACAC   12122   GCUGGUAA   CUGAUGAG   GCCGUUAGGC   GCAA IACAUCGA   30497   10390   640   AUCAUCAC   A GCCGACAC   12123   UGUCCGC   CUGAUGAG   GCCGUUAGGC   GCAA IUACAGC   GCAGCAC   12125   GUGGUGAC   CUGAUGAG   GCCGUUAGGC   GCAA IUACAGC   GCAGCAC   1			CUUGGUGC A UCUUCCAU	12107	AUGGAAGA CUGAUGAG GCCGUUAGGC CGAA ICACCAAG	30482
10330   700   GCAUCUUC C AUACCUGA   12109   UCAGGUAU CUGAUGAG   GCCGUUAGGC   CGAA IAAGAUGC   30484   10331   699   CAUCUUCC A UACCUGAC   12110   GUCAGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IGAAGAUG   30485   10335   695   UUCCAUAC C UGACGUAG   12111   CUACGUCA   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30486   10336   694   UCCAUACC U GACGUAGA   12112   UCUACGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUAUGGAA   30487   10346   684   ACGUAGAC U GACGUUU   12113   AAGUCAGC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30488   10349   681   UAGACUGC U GACCUUU   12114   ACAAAGUC   CUGAUGAG   GCCGUUAGGC   CGAA IUCUACGU   30489   10353   677   CUGCUGAC U UUGUGCAC   12115   GUGCACAA   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAG   30490   10360   670   CUUUGUGC   A CCAACAGU   12116   ACUGUUGG   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAG   30491   10362   668   UUGUGCAC   CAACAGUC   12117   CGACUGUU   CUGAUGAG   GCCGUUAGGC   CGAA IUCAGCAA   30492   10363   667   UGUGCACC   A ACAGUCGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUGCACAA   30492   10366   664   GCACCAAC   A GUGGAUGA   12118   UCGACUGU   CUGAUGAG   GCCGUUAGGC   CGAA IUGCACAA   30493   10366   664   GCACCAAC   A GUGGAUGU   12119   ACAUCGAC   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGUC   30494   10376   654   UCGAUGUC   UCUGGAUC   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IUUGGUC   30494   10376   654   UCGAUGUC   UCUGGAUC   12120   GAUCCAGA   CUGAUGAG   GCCGUUAGGC   CGAA IACAUCGA   30495   10385   645   UCUGGAUC   UCUGGAUC   12121   AAUGAUC   CUGAUGAG   GCCGUUAGGC   CGAA IACAUCGA   30496   10385   645   UCUGGAUC   UCUGGAUC   12121   AAUGAUC   CUGAUGAG   GCCGUUAGGC   CGAA IACAUCGA   30496   10385   645   UCUGGAUC   CAGCCACA   12122   GCUGGUAA   CUGAUGAG   GCCGUUAGGC   CGAA IAUCCAGA   30496   10390   640   AUCAUACC   A GCCGACA   12122   GCUGGUA   CUGAUGAG   GCCGUUAGGC   CGAA IAUCCAGA   30497   10390   640   AUCAUACC   A GCCGACA   12123   UGUCGGC   UGAUGAG   GCCGUUAGGC   CGAA IUAUGAU   30498   10391   639   UCAUUACC   A GCCGACA   12124   CUGUCGGC   UGAUGAG   GCCGUUAGGC   CGAA IUCAG					L	30483
10331   699					<u> </u>	30484
10335         695         UUCCAUAC         C UGACGUAG         12111         CUACGUCA         CUGAUGAG         GCCGUUAGGC         CGAA         IUAUGGAA         30486           10336         694         UCCAUACC         U GACGUAGA         12112         UCUACGUC         CUGAUGAG         CCGAA         IUAUAGGA         30487           10346         684         ACGUAGAC         U GCUGACUU         12113         AAGUCAGC         CUGAUGAG         CCGAA         IUCACGU         30488           10349         681         UAGACUGC         U GACUUUGU         12114         ACAAAGUC         CUGAUGAG         CCGAA         ICAGCCAG         30499           10353         677         CUGCUGAC         U UUGUGCAC         12115         GUGCACAA         CUGAUGAG         GCCGUUAGGC         CGAA         ICACAAAG         30490           10360         670         CUUUGUGAC         ACAAGUCG         12117         CGACUGUU         CUGAUGAG         GCGUUAGGC         CGAA         IUCACAAA         30491           10362         668         UUGUGCAC         ACAGUCGA         12118         UCGACUGU         CUGAUGAG         GCGUUAGGC         CGAA         IUGCACAA         30492           10366         664         GCACCAAC         A G						30485
10336 694 UCCAUACC U GACGUAGA 12112 UCUACGUC CUGAUGAG GCCGUUAGGC CGAA IGUAUGGA 30487 10346 684 ACGUAGAC U GCUGACUU 12113 AAGUCAGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU 30488 10349 681 UAGACUGC U GACUUUGU 12114 ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCUA 30489 10353 677 CUGCUGAC U UUGUGCAC 12115 GUGCACAA CUGAUGAG GCCGUUAGGC CGAA ICAGUCUA 30499 10360 670 CUUUGUGC A CCAACAGU 12116 ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACAAAG 30491 10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30492 10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30497 10390 640 AUCAUUAC C AGCCGACA 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10391 639 UCAUUACC A GCCGACAG 12123 UGUCGGC UUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30498 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGC CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10398 632 CAGCCGAC A GCAGCCAC 12125 GUGCUGC CUGAUGAG GCCGUUAGGC CGAA IUCAGGUA 30500 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30502		1	1			30486
10346         684         ACGUAGAC U GCUGACUU         12113         AAGUCAGC CUGAUGAG GCCGUUAGGC CGAA IUCUACGU         30488           10349         681         UAGACUGC U GACUUUGU         12114         ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCUA         30489           10353         677         CUGCUGAC U UUGUGCAC         12115         GUGCACAA CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG         30490           10360         670         CUUUGUGC A CCAACAGU         12116         ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA IUCACAAA         30491           10362         668         UUGUGCAC C AACAGUCG         12117         CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA         30492           10363         667         UGUGCACC A ACAGUCGA         12118         UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA         30493           10366         664         GCACCAAC A GUCGAUGU         12119         ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC         30494           10376         654         UCGAUGUC U UCUGGAUC         12120         GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA         30495           10385         645         UCUGGAUC A UUACCAGC         12122         GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA         30497           10390         640         AUCAUUAC C AGCCGACA         12123         UGUCGGC CUGAUGAG GCCGUUAGGC CGAA IUACUGA         30498 </td <td></td> <td><del></del></td> <td></td> <td></td> <td></td> <td></td>		<del></del>				
10349 681 UAGACUGC U GACUUUGU 12114 ACAAAGUC CUGAUGAG GCCGUUAGGC CGAA ICAGUCUA 30489 10353 677 CUGCUGAC U UUGUGCAC 12115 GUGCACAA CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG 30490 10360 670 CUUUGUGC A CCAACAGU 12116 ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACAAAG 30491 10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30492 10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30498 10391 639 UCAUUACC A GCCGACAA 12123 UGUCGGCC CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30501 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30503				<del></del>		
10353 677 CUGCUGAC U UUGUGCAC 12115 GUGCACAA CUGAUGAG GCCGUUAGGC CGAA IUCAGCAG 30490 10360 670 CUUUGUGC A CCAACAGU 12116 ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACAAAG 30491 10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30492 10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IGUGCACAA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30498 10391 639 UCAUUACC A GCCGACAA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGA 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGGUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30503	<u> </u>		<del></del>		<u> </u>	
10360 670 CUUUGUGC A CCAACAGU 12116 ACUGUUGG CUGAUGAG GCCGUUAGGC CGAA ICACAAAG 30491 10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30492 10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IGUGCACA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30501 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30503			<del></del>			
10362 668 UUGUGCAC C AACAGUCG 12117 CGACUGUU CUGAUGAG GCCGUUAGGC CGAA IUGCACAA 30492 10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IGUGCACA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGAUGA 30500 10398 632 CAGCCGAC A GCACGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCCGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30503			<del></del>	<del></del>		
10363 667 UGUGCACC A ACAGUCGA 12118 UCGACUGU CUGAUGAG GCCGUUAGGC CGAA IGUGCACA 30493 10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGAU 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC 30503			<del></del>	<del></del>		
10366 664 GCACCAAC A GUCGAUGU 12119 ACAUCGAC CUGAUGAG GCCGUUAGGC CGAA IUUGGUGC 30494 10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGAU 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUCGCUGU 30503						
10376 654 UCGAUGUC U UCUGGAUC 12120 GAUCCAGA CUGAUGAG GCCGUUAGGC CGAA IACAUCGA 30495 10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGAU 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUCGCUGC 30503			<u></u>	<del></del>		<del>  </del>
10379 651 AUGUCUUC U GGAUCAUU 12121 AAUGAUCC CUGAUGAG GCCGUUAGGC CGAA IAAGACAU 30496 10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGA 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUCGCUGC 30503				+		
10385 645 UCUGGAUC A UUACCAGC 12122 GCUGGUAA CUGAUGAG GCCGUUAGGC CGAA IAUCCAGA 30497 10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGA 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC 30503			<del></del>	<del> </del>		
10390 640 AUCAUUAC C AGCCGACA 12123 UGUCGGCU CUGAUGAG GCCGUUAGGC CGAA IUAAUGAU 30498 10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGA 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC 30503		<del></del>		+		
10391 639 UCAUUACC A GCCGACAG 12124 CUGUCGGC CUGAUGAG GCCGUUAGGC CGAA IGUAAUGA 30499 10394 636 UUACCAGC C GACAGCAC 12125 GUGCUGUC CUGAUGAG GCCGUUAGGC CGAA ICUGGUAA 30500 10398 632 CAGCCGAC A GCACUGGG 12126 CCCAGUGC CUGAUGAG GCCGUUAGGC CGAA IUCGGCUG 30501 10401 629 CCGACAGC A CUGGGCAU 12127 AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG 30502 10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC 30503						
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10401629CCGACAGC A CUGGGCAU12127AUGCCCAG CUGAUGAG GCCGUUAGGC CGAA ICUGUCGG3050210403627GACAGCAC U GGGCAUUC12128GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC30503	<u> </u>	<del></del>	<u> </u>			
10403 627 GACAGCAC U GGGCAUUC 12128 GAAUGCCC CUGAUGAG GCCGUUAGGC CGAA IUGCUGUC 30503		<del> </del>				
	<u> </u>	<del></del>	<del> </del>			
10408 622   CACUGGGC A UUCAUAAG 12129   CUUAUGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAGUG 30504			<del></del>	+		
	10408	622	CACUGGGC A UUCAUAAG	12129	CUUAUGAA CUGAUGAG GCCGUUAGGC CGAA ICCCAGUG	30504

10412	618	GGGCAUUC A UAAGUGAU	12130	AUCACUUA CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC	30505
10427	603	AUAGUAUC A UCGCACAU	12131	AUGUGCGA CUGAUGAG GCCGUUAGGC CGAA IAUACUAU	30506
10432	598	AUCAUCGC A CAUGUAUC	12132	GAUACAUG CUGAUGAG GCCGUUAGGC CGAA ICGAUGAU	30507
10434	596	CAUCGCAC A UGUAUCCC	12133	GGGAUACA CUGAUGAG GCCGUUAGGC CGAA IUGCGAUG	30508
10441	589	CAUGUAUC C CACAUCCA	12134	UGGAUGUG CUGAUGAG GCCGUUAGGC CGAA IAUACAUG	30509
10442	588	AUGUAUCC C ACAUCCAU	12135	AUGGAUGU CUGAUGAG GCCGUUAGGC CGAA IGAUACAU	30510
10443	587	UGUAUCCC A CAUCCAUU	12136	AAUGGAUG CUGAUGAG GCCGUUAGGC CGAA IGGAUACA	30511
10445	585	UAUCCCAC A UCCAUUGC	12137	GCAAUGGA CUGAUGAG GCCGUUAGGC CGAA IUGGGAUA	30512
10448	582	CCCACAUC C AUUGCUCU	12138	AGAGCAAU CUGAUGAG GCCGUUAGGC CGAA IAUGUGGG	30513
10448		CCACAUCC A UUGCUCUG	12139	CAGAGCAA CUGAUGAG GCCGUUAGGC CGAA IGAUGUGG	30514
	581	UCCAUUGC U CUGACAAU	12140	AUUGUCAG CUGAUGAG GCCGUUAGGC CGAA ICAAUGGA	30515
10454	576		-		30516
10456	574	CAUUGCUC U GACAAUGC	12141		
10460	570	GCUCUGAC A AUGCAUAG	12142	CUAUGCAU CUGAUGAG GCCGUUAGGC CGAA IUCAGAGC	30517
10465	565	GACAAUGC A UAGGUUCU	12143	AGAACCUA CUGAUGAG GCCGUUAGGC CGAA ICAUUGUC	30518
10473	557	AUAGGUUC U UUCCAGCA	12144	UGCUGGAA CUGAUGAG GCCGUUAGGC CGAA IAACCUAU	30519
10477	553	GUUCUUUC C AGCAGCUG	12145	CAGCUGCU CUGAUGAG GCCGUUAGGC CGAA IAAAGAAC	30520
10478	552	UUCUUUCC A GCAGCUGU	12146	ACAGCUGC CUGAUGAG GCCGUUAGGC CGAA IGAAAGAA	30521
10481	549	UUUCCAGC A GCUGUUGG	12147	CCAACAGC CUGAUGAG GCCGUUAGGC CGAA ICUGGAAA	30522
10484	546	CCAGCAGC U GUUGGAAU	12148	AUUCCAAC CUGAUGAG GCCGUUAGGC CGAA ICUGCUGG	30523
10502	528	GUGAUGAC A UCUGUGAC	12149	GUCACAGA CUGAUGAG GCCGUUAGGC CGAA IUCAUCAC	30524
10505	525	AUGACAUC U GUGACGUC	12150	GACGUCAC CUGAUGAG GCCGUUAGGC CGAA IAUGUCAU	30525
10514	516	GUGACGUC A GUAGCAUU	12151	AAUGCUAC CUGAUGAG GCCGUUAGGC CGAA IACGUCAC	30526
10520	510	UCAGUAGC A UUUACCGU	12152	ACGGUAAA CUGAUGAG GCCGUUAGGC CGAA ICUACUGA	30527
10526	504	GCAUUUAC C GUCAUCAU	12153	AUGAUGAC CUGAUGAG GCCGUUAGGC CGAA IUAAAUGC	30528
10530	500	UUACCGUC A UCAUCACC	12154	GGUGAUGA CUGAUGAG GCCGUUAGGC CGAA IACGGUAA	30529
10533	497	CCGUCAUC A UCACCUUC	12155	GAAGGUGA CUGAUGAG GCCGUUAGGC CGAA IAUGACGG	30530
10536	494	UCAUCAUC A CCUUCCCU	12156	AGGGAAGG CUGAUGAG GCCGUUAGGC CGAA IAUGAUGA	30531
10538	492	AUCAUCAC C UUCCCUUG	12157	CAAGGGAA CUGAUGAG GCCGUUAGGC CGAA IUGAUGAU	30532
10539	491	UCAUCACC U UCCCUUGG	12158	CCAAGGGA CUGAUGAG GCCGUUAGGC CGAA IGUGAUGA	30533
10542	488	UCACCUUC C CUUGGAAG	12159	CUUCCAAG CUGAUGAG GCCGUUAGGC CGAA IAAGGUGA	30534
-		CACCUUCC C UUGGAAGU	12160	ACUUCCAA CUGAUGAG GCCGUUAGGC CGAA IGAAGGUG	30535
10543	487	ACCUUCCC U UGGAAGUU			
10544	486	<del></del>	12161		30536
10565	465	AGGGUAAC U GCUCCUAC	12162	GUAGGAGC CUGAUGAG GCCGUUAGGC CGAA IUUACCCU	30537
10568	462	GUAACUGC U CCUACGCU	12163	AGCGUAGG CUGAUGAG GCCGUUAGGC CGAA ICAGUUAC	30538
10570	460	AACUGCUC C UACGCUGG	12164	CCAGCGUA CUGAUGAG GCCGUUAGGC CGAA IAGCAGUU	30539
10571	459	ACUGCUCC U ACGCUGGC	12165	GCCAGCGU CUGAUGAG GCCGUUAGGC CGAA IGAGCAGU	30540
10576	454	UCCUACGC U GGCGAUCA	12166	UGAUCGCC CUGAUGAG GCCGUUAGGC CGAA ICGUAGGA	30541
10584	446	UGGCGAUC A GGCCAAUC	12167	GAUUGGCC CUGAUGAG GCCGUUAGGC CGAA IAUCGCCA	30542
10588	442	GAUCAGGC C AAUCAUGA	12168	UCAUGAUU CUGAUGAG GCCGUUAGGC CGAA ICCUGAUC	30543
10589	441	AUCAGGCC A AUCAUGAC	12169	GUCAUGAU CUGAUGAG GCCGUUAGGC CGAA IGCCUGAU	30544
10593	437	GGCCAAUC A UGACUGCA	12170	UGCAGUCA CUGAUGAG GCCGUUAGGC CGAA IAUUGGCC	30545
10598	432	AUCAUGAC U GCAAUUCC	12171	GGAAUUGC CUGAUGAG GCCGUUAGGC CGAA IUCAUGAU	30546
10601	429	AUGACUGC A AUUCCGGU	12172	ACCGGAAU CUGAUGAG GCCGUUAGGC CGAA ICAGUCAU	30547
10606	424	UGCAAUUC C GGUCUUUC	12173	GAAAGACC CUGAUGAG GCCGUUAGGC CGAA IAAUUGCA	30548
10611	419	UUCCGGUC U UUCCUCCU	12174	AGGAGGAA CUGAUGAG GCCGUUAGGC CGAA IACCGGAA	30549
10615	415	GGUCUUUC C UCCUCUUU	12175	AAAGAGGA CUGAUGAG GCCGUUAGGC CGAA IAAAGACC	30550
10616	414	GUCUUUCC U CCUCUUUU	12176	AAAAGAGG CUGAUGAG GCCGUUAGGC CGAA IGAAAGAC	30551
10618	412	CUUUCCUC C UCUUUUCU	12177	AGAAAAGA CUGAUGAG GCCGUUAGGC CGAA IAGGAAAG	30552
10619	411	UUUCCUCC U CUUUUCUU	12178	AAGAAAAG CUGAUGAG GCCGUUAGGC CGAA IGAGGAAA	30553
10621	409	บดดบดดบด บ บบบดบบบบ	12179	AAAAGAAA CUGAUGAG GCCGUUAGGC CGAA IAGGAGGA	30554
10626	404	CUCUUUUC U UUUGUUUU	12180	AAAACAAA CUGAUGAG GCCGUUAGGC CGAA IAAAAGAG	30555
10639	391	UUUUGAGC U CCGCCGAU	12181	AUCGGCGG CUGAUGAG GCCGUUAGGC CGAA ICUCAAAA	30556
10641	389	UUGAGCUC C GCCGAUUG	12182	CAAUCGGC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA	30557
10644	386	AGCUCCGC C GAUUGAUA	12183	UAUCAAUC CUGAUGAG GCCGUUAGGC CGAA IAGCUCAA	30558
10655	375	<del></del>			
		UUGAUAGC A CUGGUCAA	12184	UUGACCAG CUGAUGAG GCCGUUAGGC CGAA ICUAUCAA	30559
10657	373	GAUAGCAC U GGUCAAGG	12185	CCUUGACC CUGAUGAG GCCGUUAGGC CGAA IUGCUAUC	30560
10662	368	CACUGGUC A AGGUCCCU	12186	AGGGACCU CUGAUGAG GCCGUUAGGC CGAA IACCAGUG	30561
10668	362	UCAAGGUC C CUAGUUCC	12187	GGAACUAG CUGAUGAG GCCGUUAGGC CGAA IACCUUGA	30562
10669	361	CAAGGUCC C UAGUUCCU	12188	AGGAACUA CUGAUGAG GCCGUUAGGC CGAA IGACCUUG	30563
10670	360	AAGGUCCC U AGUUCCUU	12189	AAGGAACU CUGAUGAG GCCGUUAGGC CGAA IGGACCUU	30564
10676	354	CCUAGUUC C UUCUUAAA	12190	UUUAAGAA CUGAUGAG GCCGUUAGGC CGAA IAACUAGG	30565
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[30633]	252	CUAGUUCC U UCUUAAAA	12191	UUUUAAGA CUGAUGAG GCCGUUAGGC CGAA IGAACUAG	30566
10677	353	GUUCCUUC U UAAAACUC	12192	GAGUUUUA CUGAUGAG GCCGUUAGGC CGAA IAAGGAAC	30567
10680	350			ACCUUCUG CUGAUGAG GCCGUUAGGC CGAA IUUUUAAG	30568
10687	343	CUUAAAAC U CAGAAGGU	12193	ACACCUUC CUGAUGAG GCCGUUAGGC CGAA IAGUUUUA	
10689	341	UAAAACUC A GAAGGUGU	12194		30569
10701	329	GGUGUUUC A UCGCUGUU	12195	AACAGCGA CUGAUGAG GCCGUUAGGC CGAA IAAACACC	30570
10706	324	UUCAUCGC U GUUUGUUU	12196	AAACAAAC CUGAUGAG GCCGUUAGGC CGAA ICGAUGAA	30571
10719	311	GUUUGUUC A CACCUCUC	12197	GAGAGGUG CUGAUGAG GCCGUUAGGC CGAA IAACAAAC	30572
10721	309	UUGUUCAC A CCUCUCCA	12198	UGGAGAGG CUGAUGAG GCCGUUAGGC CGAA IUGAACAA	30573
10723	307	GUUCACAC C UCUCCAUC	12199	GAUGGAGA CUGAUGAG GCCGUUAGGC CGAA IUGUGAAC	30574
10724	306	UUCACACC U CUCCAUCG	12200	CGAUGGAG CUGAUGAG GCCGUUAGGC CGAA IGUGUGAA	30575
		CACACCUC U CCAUCGAU	12201	AUCGAUGG CUGAUGAG GCCGUUAGGC CGAA IAGGUGUG	30576
10726	304			GGAUCGAU CUGAUGAG GCCGUUAGGC CGAA IAGAGGUG	30577
10728	302	CACCUCUC C AUCGAUCC	12202	UGGAUCGA CUGAUGAG GCCGUUAGGC CGAA IGAGAGGU	30578
10729	301	ACCUCUCC A UCGAUCCA	12203		
10736	294	CAUCGAUC C AGCACUGC	12204	GCAGUGCU CUGAUGAG GCCGUUAGGC CGAA IAUCGAUG	30579
10737	293	AUCGAUCC A GCACUGCU	12205	AGCAGUGC CUGAUGAG GCCGUUAGGC CGAA IGAUCGAU	30580
10740	290	GAUCCAGC A CUGCUCGG	12206	CCGAGCAG CUGAUGAG GCCGUUAGGC CGAA ICUGGAUC	30581
10742	288	UCCAGCAC U GCUCGGGU	12207	ACCCGAGC CUGAUGAG GCCGUUAGGC CGAA IUGCUGGA	30582
10745	285	AGCACUGC U CGGGUCGG	12208	CCGACCCG CUGAUGAG GCCGUUAGGC CGAA ICAGUGCU	30583
10757	273	GUCGGAGC A AUUGCUGU	12209	ACAGCAAU CUGAUGAG GCCGUUAGGC CGAA ICUCCGAC	30584
10763	267	GCAAUUGC U GUGAACCU	12210	AGGUUCAC CUGAUGAG GCCGUUAGGC CGAA ICAAUUGC	30585
		CUGUGAAC C UGAAGAAC	12211	GUUCUUCA CUGAUGAG GCCGUUAGGC CGAA IUUCACAG	30586
10770	260			CGUUCUUC CUGAUGAG GCCGUUAGGC CGAA IGUUCACA	30587
10771	259	UGUGAACC U GAAGAACG	12212		30588
10781	249	AAGAACGC C AAGAGAGC	12213	GCUCUCUU CUGAUGAG GCCGUUAGGC CGAA ICGUUCUU	
10782	248	AGAACGCC A AGAGAGCC	12214	GGCUCUCU CUGAUGAG GCCGUUAGGC CGAA IGCGUUCU	30589
10790	240	AAGAGAGC C AACACAAA	12215	UUUGUGUU CUGAUGAG GCCGUUAGGC CGAA ICUCUCUU	30590
10791	239	AGAGAGCC A ACACAAAU	12216	AUUUGUGU CUGAUGAG GCCGUUAGGC CGAA IGCUCUCU	30591
10794	236	GAGCCAAC A CAAAUCGU	12217	ACGAUUUG CUGAUGAG GCCGUUAGGC CGAA IUUGGCUC	30592
10796	234	GCCAACAC A AAUCGUAU	12218	AUACGAUU CUGAUGAG GCCGUUAGGC CGAA IUGUUGGC	30593
10809	221	GUAUUGGC C CCUUGCCG	12219	CGGCAAGG CUGAUGAG GCCGUUAGGC CGAA ICCAAUAC	30594
10810	220	UAUUGGCC C CUUGCCGU	12220	ACGGCAAG CUGAUGAG GCCGUUAGGC CGAA IGCCAAUA	30595
10811	219	AUUGGCCC C UUGCCGUC	12221	GACGGCAA CUGAUGAG GCCGUUAGGC CGAA IGGCCAAU	30596
-		UUGGCCCC U UGCCGUCG	12222	CGACGGCA CUGAUGAG GCCGUUAGGC CGAA IGGGCCAA	30597
10812	218		-	UGAUCGAC CUGAUGAG GCCGUUAGGC CGAA ICAAGGGG	30598
10816	214	CCCCUUGC C GUCGAUCA	12223		30599
10824	206	CGUCGAUC A GGCUCAAC	12224		<del> </del>
10828	202	GAUCAGGC U CAACAUAG	12225	CUAUGUUG CUGAUGAG GCCGUUAGGC CGAA ICCUGAUC	30600
10830	200	UCAGGCUC A ACAUAGCC	12226	GGCUAUGU CUGAUGAG GCCGUUAGGC CGAA IAGCCUGA	30601
10833	197	GGCUCAAC A UAGCCCUC	12227	GAGGGCUA CUGAUGAG GCCGUUAGGC CGAA IUUGAGCC	30602
10838	192	AACAUAGC C CUCUUCAG	12228	CUGAAGAG CUGAUGAG GCCGUUAGGC CGAA ICUAUGUU	30603
10839	191	ACAUAGCC C UCUUCAGU	12229	ACUGAAGA CUGAUGAG GCCGUUAGGC CGAA IGCUAUGU	30604
10840	190	CAUAGCCC U CUUCAGUC	12230	GACUGAAG CUGAUGAG GCCGUUAGGC CGAA IGGCUAUG	30605
10842	188	UAGCCCUC U UCAGUCCA	12231	UGGACUGA CUGAUGAG GCCGUUAGGC CGAA IAGGGCUA	30606
10845	185	CCCUCUUC A GUCCAAUC	12232	GAUUGGAC CUGAUGAG GCCGUUAGGC CGAA IAAGAGGG	30607
10849	181	CUUCAGUC C AAUCAAGG	12233	CCUUGAUU CUGAUGAG GCCGUUAGGC CGAA IACUGAAG	30608
		UUCAGUCC A AUCAAGGA	12234		30609
10850	180	<del> </del>	-		30610
10854	176	GUCCAAUC A AGGACAAC	12235		30610
10860	170	UCAAGGAC A ACACGCGG	12236		·
10863	167	AGGACAAC A CGCGGGGC	12237		30612
10872	158	CGCGGGGC A UUCCGCGU	12238		30613
10876	154	GGGCAUUC C GCGUUUUA	12239	UAAAACGC CUGAUGAG GCCGUUAGGC CGAA IAAUGCCC	30614
10887	143	GUUUUAGC A UAUUGACA	12240		30615
10895	135	AUAUUGAC A GCCCGGCU	12241	AGCCGGGC CUGAUGAG GCCGUUAGGC CGAA IUCAAUAU	30616
10898	132	UUGACAGC C CGGCUCUU	12242		30617
10899	131	UGACAGCC C GGCUCUUG	12243		30618
10903	127	AGCCCGGC U CUUGCCGG	12244		30619
10905	125	CCCGGCUC U UGCCGGGC	12245	GCCCGGCA CUGAUGAG GCCGUUAGGC CGAA IAGCCGGG	30620
		GCUCUUGC C GGGCCCUC	12246		30621
10909	121		+		-
10914		UGCCGGGC C CUCCUGGU	12247		30622
10915	115	GCCGGGCC C UCCUGGUU	12248		30623
10916	114	CCGGGCCC U CCUGGUUU	12249		30624
10918	112	GGGCCCUC C UGGUUUCU	12250		30625
10919	111	GGCCCUCC U GGUUUCUU	12251	AAGAAACC CUGAUGAG GCCGUUAGGC CGAA IGAGGGCC	30626

### Table IX

10926	104	CUGGUUUC U UAGACAUC	12252	GAUGUCUA CUGAUGAG GCCGUUAGGC CGAA IAAACCAG	30627
10932	98	UCUUAGAC A UCGAGAUC	12253	GAUCUCGA CUGAUGAG GCCGUUAGGC CGAA IUCUAAGA	30628
10941	89	UCGAGAUC U UCGUGCUA	12254	UAGCACGA CUGAUGAG GCCGUUAGGC CGAA IAUCUCGA	30629
10948	82	CUUCGUGC U AAGAAACA	12255	UGUUUCUU CUGAUGAG GCCGUUAGGC CGAA ICACGAAG	30630
10956	74	UAAGAAAC A GCUCGCAC	12256	GUGCGAGC CUGAUGAG GCCGUUAGGC CGAA IUUUCUUA	30631
10959	71	GAAACAGC U CGCACUGU	12257	ACAGUGCG CUGAUGAG GCCGUUAGGC CGAA ICUGUUUC	30632
10963	67	CAGCUCGC A CUGUGUUA	12258	UAACACAG CUGAUGAG GCCGUUAGGC CGAA ICGAGCUG	30633
10965	65	GCUCGCAC U GUGUUAAU	12259	AUUAACAC CUGAUGAG GCCGUUAGGC CGAA IUGCGAGC	30634
10985	45	UGUUAAUC C UCACAAAC	12260	GUUUGUGA CUGAUGAG GCCGUUAGGC CGAA IAUUAACA	30635
10986	44	GUUAAUCC U CACAAACA	12261	UGUUUGUG CUGAUGAG GCCGUUAGGC CGAA IGAUUAAC	30636
10988	42	UAAUCCUC A CAAACACU	12262	AGUGUUUG CUGAUGAG GCCGUUAGGC CGAA IAGGAUUA	30637
10990	40	AUCCUCAC A AACACUAC	12263	GUAGUGUU CUGAUGAG GCCGUUAGGC CGAA IUGAGGAU	30638
10994	36	UCACAAAC A CUACUAAG	12264	CUUAGUAG CUGAUGAG GCCGUUAGGC CGAA IUUUGUGA	30639
10996	34	ACAAACAC U ACUAAGUU	12265	AACUUAGU CUGAUGAG GCCGUUAGGC CGAA IUGUUUGU	30640
10999	31	AACACUAC U AAGUUUGU	12266	ACAAACUU CUGAUGAG GCCGUUAGGC CGAA IUAGUGUU	30641
11009	21	AGUUUGUC A GCUCACAC	12267	GUGUGAGC CUGAUGAG GCCGUUAGGC CGAA IACAAACU	30642
11012	18	UUGUCAGC U CACACAGG	12268	CCUGUGUG CUGAUGAG GCCGUUAGGC CGAA ICUGACAA	30643
11014	16	GUCAGCUC A CACAGGCG	12269	CGCCUGUG CUGAUGAG GCCGUUAGGC CGAA IAGCUGAC	30644
11016	14	CAGCUCAC A CAGGCGAA	12270	UUCGCCUG CUGAUGAG GCCGUUAGGC CGAA IUGAGCUG	30645
11018	12	GCUCACAC A GGCGAACU	12271	AGUUCGCC CUGAUGAG GCCGUUAGGC CGAA IUGUGAGC	30646

Input Sequence = AF196835\_rc. Cut Site = CH/.
Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA
AF196835\_rc reverse complement of West Nile virus strain NY99flamingo382-99, complete genome

Table X: WNV minus strand Zinzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	Ribozyme	Rz Seq
	(+str)				ID
10	11020	GAUCCUGU G UUCUCGCA	12272	UGCGAGAA GCCGAAAGGCGAGUGAGGUCU ACAGGAUC	30647
16	11014	GUGUUCUC G CACCACCA	12273	UGGUGGUG GCCGAAAGGCGAGUGAGGUCU GAGAACAC	30648
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GCCGAAAGGCGAGUGAGGUCU UGGUGGUG	30649
34	10996	CCACCAUU G UCGGCGCA	12275	UGCGCCGA GCCGAAAGGCGAGUGAGGUCU AAUGGUGG	30650
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GCCGAAAGGCGAGUGAGGUCU CGACAAUG	30651
40	10990	UUGUCGGC G CACUGUGC	12277	GCACAGUG GCCGAAAGGCGAGUGAGGUCU GCCGACAA	30652
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GCCGAAAGGCGAGUGAGGUCU AGUGCGCC	30653
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GCCGAAAGGCGAGUGAGGUCU ACAGUGCG	30654
50	10980	ACUGUGCC G UGUGGCUG	12280	CAGCCACA GCCGAAAGGCGAGUGAGGUCU GGCACAGU	30655 .
52	10978	UGUGCCGU G UGGCUGGU	12281	ACCAGCCA GCCGAAAGGCGAGUGAGGUCU ACGGCACA	30656
55	10975	GCCGUGUG G CUGGUUGU	12282	ACAACCAG GCCGAAAGGCGAGUGAGGUCU CACACGGC	30657
59	10971	UGUGGCUG G UUGUGCAG	12283	CUGCACAA GCCGAAAGGCGAGUGAGGUCU CAGCCACA	30658
62	10968	GGCUGGUU G UGCAGAGC	12284	GCUCUGCA GCCGAAAGGCGAGUGAGGUCU AACCAGCC	30659
64	10966	CUGGUUGU G CAGAGCAG	12285	CUGCUCUG GCCGAAAGGCGAGUGAGGUCU ACAACCAG	30660
69	10961	UGUGCAGA G CAGAAGAU	12286	AUCUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGCACA	30661
84	10946	AUCUCCUA G UCUAUCCC	12287	GGGAUAGA GCCGAAAGGCGAGUGAGGUCU UAGGAGAU	30662
95	10935	UAUCCCAG G UGUCAAUA	12288	UAUUGACA GCCGAAAGGCGAGUGAGGUCU CUGGGAUA	30663
97	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GCCGAAAGGCGAGUGAGGUCU ACCUGGGA	30664
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GCCGAAAGGCGAGUGAGGUCU AUAUUGAC	30665
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GCCGAAAGGCGAGUGAGGUCU AGCAUAUU	30666
113	10922	GCUGUUUU G UUGUGGUG	12292	CACCACAA GCCGAAAGGCGAGUGAGGUCU AAAACAGC	30667
116	10917	GUUUUGUU G UGGUGUUU	12293	AAACACCA GCCGAAAGGCGAGUGAGGUCU AACAAAAC	30668
119	10911	UUGUUGUG G UGUUUUGU	12294	ACAAACA GCCGAAAGGCGAGUGAGGUCU CACAACAA	30669
121	10909	GUUGUGGU G UUUUGUGG	12295	CCACAAAA GCCGAAAGGCGAGUGAGGUCU ACCACAAC	30670
126	10904	GGUGUUUU G UGGCACGG	12296	CCGUGCCA GCCGAAAGGCGAGUGAGGUCU AAAACACC	30671
129	10904	GUUUUGUG G CACGGGGU	12297	ACCCCGUG GCCGAAAGGCGAGUGAGGUCU CACAAAAC	30672
136	10901	GGCACGGG G UCUCCACU	12298	AGUGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGUGCC	30673
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30674
172	10858	GACCUACA G CUUCAGUC	12300	GACUGAAG GCCGAAAGGCGAGUGAGGUCU UGUAGGUC	30675
178	10852	CAGCUUCA G UCAGGCUG	12300	CAGCCUGA GCCGAAAGGCGAGUGAGGUCU UGAAGCUG	30676
183	10852	UCAGUCAG G CUGGGCCG	12301	CGCCCAG GCCGAAAGGCGAGUGAGGUCU CUGACUGA	30677
188	10847	CAGGCUGG G CCGUGCAC	12302	GUGCACGG GCCGAAAGGCGAGUGAGGUCU CCAGCCUG	30678
191	10842	GCUGGGCC G UGCACUUU	12303	AAAGUGCA GCCGAAAGGCGAGUGAGGUCU GGCCCAGC	30678
193	10837	UGGGCCGU G CACUUUAA	12304	UUAAAGUG GCCGAAAGGCGAGUGAGGUCU ACGGCCCA	30680
205	10825	UUUAAACC G CGGGUCU	12305	AGACCCCG GCCGAAAGGCGAGUGAGGUCU GGUUUAAA	30681
210	10820	ACCGCGGG G UCUCCUCU	12300	AGAGGAGA GCCGAAAGGCGAGUGAGGUCU CCCGCGGU	30682
227	10820	AACCUCUA G UCCUUUCG	12307	CGAAAGGA GCCGAAAGGCGAGUGAGGUCU UAGAGGUU	30682
235	10795	GUCCUUUC G CCCUGGUU	12308	AACCAGGG GCCGAAAGGCGAGUGAGGUCU GAAAGGAC	30684
241	10793	UCGCCCUG G UUAACACC	12310	GGUGUUAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGA	30684
259	10789	UUACCGGG G CUAGGGCC	12310	GGCCUAG GCCGAAAGGCGAGUGAGGUCU CCCGGUAA	30685
<del></del>			<b></b>		<del></del>
265	10765	GGGCUAGG G CCGCGUGG	12312	CCACGCGG GCCGAAAGGCGAGUGAGGUCU CCUAGCCC	30687
268	10762	CUAGGGCC G CGUGGGGC	<del>                                  _       _     _</del>	GCCCCACG GCCGAAAGGCGAGUGAGGUCU GGCCCUAG	30688
270	10760	AGGGCCGC G UGGGGCGU	12314	ACGCCCCA GCCGAAAGGCGAGUGAGGUCU GCGGCCCU	30689
275	10755	.CGCGUGGG G CGUUGGUU	12315	AACCAACG GCCGAAAGGCGAGUGAGGUCU CCCACGCG	30690
277	10753	CGUGGGGC G UUGGUUUG	12316	CAAACCAA GCCGAAAGGCGAGUGAGGUCU GCCCCACG	30691
281	10749	GGGCGUUG G UUUGCCUU	12317	AAGGCAAA GCCGAAAGGCGAGUGAGGUCU CAACGCCC	30692
285	10745	GUUGGUUU G CCUUUGUU	12318	AACAAAGG GCCGAAAGGCGAGUGAGGUCU AAACCAAC	30693
291	10739	UUGCCUUU G UUAACCCA	12319	UGGGUUAA GCCGAAAGGCGAGUGAGGUCU AAAGGCAA	30694
300	10730	UUAACCCA G UCCUCCUG	12320	CAGGAGGA GCCGAAAGGCGAGUGAGGUCU UGGGUUAA	30695
311	10719	CUCCUGGG G CACUAUCG	12321	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30696
319	10711	GCACUAUC G CAGACUGC	12322	GCAGUCUG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	30697
326	10704	CGCAGACU G CACUCUCC	12323	GGAGAGUG GCCGAAAGGCGAGUGAGGUCU AGUCUGCG	30698
335	10695	CACUCUCC G CAGAGUAG	12324	CUACUCUG GCCGAAAGGCGAGUGAGGUCU GGAGAGUG	30699
340	10690	UCCGCAGA G UAGCACGC	12325	GCGUGCUA GCCGAAAGGCGAGUGAGGUCU UCUGCGGA	30700
343	10687	GCAGAGUA G CACGCCGU	12326	ACGGCGUG GCCGAAAGGCGAGUGAGGUCU UACUCUGC	30701
347	10683	AGUAGCAC G CCGUAGCG	12327	CGCUACGG GCCGAAAGGCGAGUGAGGUCU GUGCUACU	30702
350	10680	AGCACGCC G UAGCGUGG	12328	CCACGCUA GCCGAAAGGCGAGUGAGGUCU GGCGUGCU	30703
353	10677	ACGCCGUA G CGUGGUCU	12329	AGACCACG GCCGAAAGGCGAGUGAGGUCU UACGGCGU	30704

,	U2/U0803 /	Table

355	10675	GCCGUAGC G UGGUCUGA	12330	UCAGACCA GCCGAAAGGCGAGUGAGGUCU GCUACGGC	30705
358	10672	GUAGCGUG G UCUGACAU	12331	AUGUCAGA GCCGAAAGGCGAGUGAGGUCU CACGCUAC	30706
370	10660	GACAUUGG G CUUUGAAG	12332	CUUCAAAG GCCGAAAGGCGAGUGAGGUCU CCAAUGUC	30707
378	10652	GCUUUGAA G UUACAACA	12333	UGUUGUAA GCCGAAAGGCGAGUGAGGUCU UUCAAAGC	30708
388	10642	UACAACAU G UGGGGUCC	12334	GGACCCCA GCCGAAAGGCGAGUGAGGUCU AUGUUGUA	30709
393	10637	CAUGUGGG G UCCUCCUU	12335	AAGGAGGA GCCGAAAGGCGAGUGAGGUCU CCCACAUG	30710
410	10620	CCGAGACG G UUCUGAGG	12336	CCUCAGAA GCCGAAAGGCGAGUGAGGUCU CGUCUCGG	30711
		UUCUGAGG G CUUACAUG	12337	CAUGUAAG GCCGAAAGGCGAGUGAGGUCU CCUCAGAA	30712
419	10611				30713
437	10593	AUCACUUC G CGGCUUUG	12338	CAAAGCCG GCCGAAAGGCGAGUGAGGUCU GAAGUGAU	
440	10590	ACUUCGCG G CUUUGUUC	12339	GAACAAAG GCCGAAAGGCGAGUGAGGUCU CGCGAAGU	30714
445	10585	GCGGCUUU G UUCACCCA	12340	UGGGUGAA GCCGAAAGGCGAGUGAGGUCU AAAGCCGC	30715
454	10576	UUCACCCA G UCCUCCUG	12341	CAGGAGGA GCCGAAAGGCGAGUGAGGUCU UGGGUGAA	30716
465	10565	CUCCUGGG G UUGAGUCG	12342	CGACUCAA GCCGAAAGGCGAGUGAGGUCU CCCAGGAG	30717
470	10560	GGGGUUGA G UCGCAGGC	12343	GCCUGCGA GCCGAAAGGCGAGUGAGGUCU UCAACCCC	30718
473	10557	GUUGAGUC G CAGGCAGC	12344	GCUGCCUG GCCGAAAGGCGAGUGAGGUCU GACUCAAC	30719
477	10553	AGUCGCAG G CAGCACCG	12345	CGGUGCUG GCCGAAAGGCGAGUGAGGUCU CUGCGACU	30720
480	10550	CGCAGGCA G CACCGUCU	12346	AGACGGUG GCCGAAAGGCGAGUGAGGUCU UGCCUGCG	30721
485	10545	GCAGCACC G UCUACUCA	12347	UGAGUAGA GCCGAAAGGCGAGUGAGGUCU GGUGCUGC	30722
501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GCCGAAAGGCGAGUGAGGUCU CGGAAGUU	30723
504	10526	UUCCGGUG G CGGGAACU	12349	AGUUCCCG GCCGAAAGGCGAGUGAGGUCU CACCGGAA	30724
	10512	ACUUCCCG G CCUGACUU	12350	AAGUCAGG GCCGAAAGGCGAGUGAGGUCU CGGGAAGU	30725
518	<del></del>	ACUUUUAU G CAUACUUA	12351	UAAGUAUG GCCGAAAGGCGAGUGAGGUCU AUAAAAGU	30726
595	10435		<del></del>	UAAGUAGG GCCGAAAGGCGAGUGAGGUCU AAUAUAAG	<b></b> _
608	10422	CUUAUAUU G UCUAUUUA	12352		30727
637	10393	UAUCUACA G UACUGUGU	12353	ACACAGUA GCCGAAAGGCGAGUGAGGUCU UGUAGAUA	30728
642	10388	ACAGUACU G UGUCCUCA	12354	UGAGGACA GCCGAAAGGCGAGUGAGGUCU AGUACUGU	30729
644	10386	AGUACUGU G UCCUCAAC	12355	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU ACAGUACU	30730
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GCCGAAAGGCGAGUGAGGUCU UUUGGUUG	30731
660	10370	CCAAAGUU G UGUCUUCA	12357	UGAAGACA GCCGAAAGGCGAGUGAGGUCU AACUUUGG	30732
662	10368	AAAGUUGU G UCUUCAUA	12358	UAUGAAGA GCCGAAAGGCGAGUGAGGUCU ACAACUUU	30733
679	10351	UCUCUUUA G UGAACUCA	12359	UGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAAAGAGA	30734
689	10341	GAACUCAU G UAAUCCAC	12360	GUGGAUUA GCCGAAAGGCGAGUGAGGUCU AUGAGUUC	30735
720	10310	CGAUGAUU G CUCUGACU	12361	AGUCAGAG GCCGAAAGGCGAGUGAGGUCU AAUCAUCG	30736
731	10299	CUGACUUG G UUGAUAGC	12362	GCUAUCAA GCCGAAAGGCGAGUGAGGUCU CAAGUCAG	30737
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGUGG GCCGAAAGGCGAGUGAGGUCU UAUCAACC	30738
749	10281	ACCUGGAU G UUUUCUGC	12364	GCAGAAAA GCCGAAAGGCGAGUGAGGUCU AUCCAGGU	30739
756	10274	UGUUUUCU G CCCACGUG	12365	CACGUGGG GCCGAAAGGCGAGUGAGGUCU AGAAAACA	30740
762	10268	CUGCCCAC G UGGCUCGG	12366	CCGAGCCA GCCGAAAGGCGAGUGAGGUCU GUGGGCAG	30741
765	10265	CCCACGUG G CUCGGGCU	12367	AGCCCGAG GCCGAAAGGCGAGUGAGGUCU CACGUGGG	30742
771	10259	UGGCUCGG G CUCUUGUG	12368	CACAAGAG GCCGAAAGGCGAGUGAGGUCU CCGAGCCA	30743
777	10253	GGGCUCUU G UGCCAAUC	12369	GAUUGGCA GCCGAAAGGCGAGUGAGGUCU AAGAGCCC	30744
779	10253	GCUCUUGU G CCAAUCAG	12370	CUGAUUGG GCCGAAAGGCGAGUGAGGUCU ACAAGAGC	30745
<u> </u>	10231		<del></del>	UGUGGCAG GCCGAAAGGCGAGUGAGGUCU CUGAUUGG	<del></del>
788		CCAAUCAG G CUGCCACA	12371		30746
791	10239	AUCAGGCU G CCACACCA	12372	UGGUGUGG GCCGAAAGGCGAGUGAGGUCU AGCCUGAU	30747
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GCCGAAAGGCGAGUGAGGUCU AUCUGGUG	30748
811	10219	GUCCUCUC G UUUUCCUG	12374		30749
830	10200	UAUGGGAC G UCACUCCA	12375		30750
852	10178	CCACUGGG G UUUUGUCU	12376	AGACAAAA GCCGAAAGGCGAGUGAGGUCU CCCAGUGG	30751
857	10173	GGGGUUUU G UCUUCCAU	12377	AUGGAAGA GCCGAAAGGCGAGUGAGGUCU AAAACCCC	30752
893	10137	CAAACACG G UUCCAGAC	12378	GUCUGGAA GCCGAAAGGCGAGUGAGGUCU CGUGUUUG	30753
911	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GCCGAAAGGCGAGUGAGGUCU AUGUUGGA	30754
918	10112	UGUCCUCU G UUGUCAUC	12380	GAUGACAA GCCGAAAGGCGAGUGAGGUCU AGAGGACA	30755
921	10109	CCUCUGUU G UCAUCCAC	12381	GUGGAUGA GCCGAAAGGCGAGUGAGGUCU AACAGAGG	30756
939	10091	CUCCUCCU G CAUGGAUG	12382	CAUCCAUG GCCGAAAGGCGAGUGAGGUCU AGGAGGAG	30757
954	10076	UGGACCAC G UGGUUCUU	12383	AAGAACCA GCCGAAAGGCGAGUGAGGUCU GUGGUCCA	30758
957	10073	ACCACGUG G UUCUUCCG	12384	CGGAAGAA GCCGAAAGGCGAGUGAGGUCU CACGUGGU	30759
966	10064	UUCUUCCG G UAGGGACC	12385	GGUCCCUA GCCGAAAGGCGAGUGAGGUCU CGGAAGAA	30760
990	10040	CAGGGACA G CGGAGCAA	12386	UUGCUCCG GCCGAAAGGCGAGUGAGGUCU UGUCCCUG	30761
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCAUUUG GCCGAAAGGCGAGUGAGGUCU UCCGCUGU	30762
1002	10028	AGCAAAUG G CGUUGGCC	12388	GGCCAACG GCCGAAAGGCGAGUGAGGUCU CAUUUGCU	30763
1004	10026	CAAAUGGC G UUGGCCAU	12389	AUGGCCAA GCCGAAAGGCGAGUGAGGUCU GCCAUUUG	30764
1008	10020	UGGCGUUG G CCAUGAGC	12390	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU CAACGCCA	
1015	10022			<del> </del>	30765
1013	1 10012	GGCCAUGA G CCGCAGGU	12391	ACCUGCGG GCCGAAAGGCGAGUGAGGUCU UCAUGGCC	30766

1005   1006						
1999	1018	10012	CAUGAGCC G CAGGUCUC	12392	GAGACCUG GCCGAAAGGCGAGUGAGGUCU GGCUCAUG	30767
	1022	10008	AGCCGCAG G UCUCUUCU	12393		30768
	1031	9999	UCUCUUCU G UGGAAGUA	12394		30769
1982	1037	9993	CUGUGGAA G UACAGAAG	12395		30770
1971   1971   1972	1045	9985	GUACAGAA G CAGCCACA	12396		30771
1995	1048	9982	CAGAAGCA G CCACAUCU	12397		30772
1985	1059	9971	ACAUCUGG G CAUAAGAC	12398		30773
1085   9947	1071	9959	AAGACUUA G CCAGACAA	12399		30774
1085   9945   CANGCROU & UNGGGGAC   12402   GUCCGGGA GCCGAAAGGCCGARGURAGGCU ACUGCUUG   1977   1088   9942   GCAGUGUC & CGGACGUU   12404   AAGGUCCG GCCGAAAGGCGARGURAGGCU GUCCGCAA   3077   1104   99356   UCGGGGGC & CCCCCUGGA   12404   GCAGUGGA GCCGAAAGGCGARGURAGGCU GUCCGCAA   3077   1114   9922   GGAGAGUAU & CCCCCUCCCU   12405   AAGGUCCG & GCCGAAAGGCGAGUGAGGUCU CGCCGCAA   3078   1112   9908   AUAUGCGA & CUCUGCCU   12406   AAGGCGGG & GCCGAAAGGCGAGUGAGGUCU CGCCGAA   3078   1112   9908   AUAUGCGA & CUCUGCCU   12407   AGGCAGAG & GCCGAAAGGCGAGUGAGGUCU CCCCAA   32408   UUCAUCCU & CUCUCCCC   12407   AGGCAGAG & GCCGAAAGGCGAGUGAGGUCU CCCCAAAGACCAA   12408   UUCAUCCU & CUCUCCCC   12407   AGGCAGAG & GCCGAAAGGCGAGUGAGGUCU CAAGCCCC   34011   1127   9903   CGAGCCUCG & CCUCACAC   12409   UUGCUCCAA   12408   UUCAUCCC & CAAGACCA   12408   10401   1040	1080	9950	CCAGACAA G CAGUGUCG	12400		30775
1994   9934	1083	9947	GACAAGCA G UGUCGCGG	12401		30776
1094   9936   UCCADICCO   GUICCADICC   12405   GUICGADGA   GCCGAAAGGCCAGUUGAGGUU   GUICCOCGA   1217   1144   9926   UCCADICCO   GUICCACCA   12405   UCCAGGGO   GCCGAAAGGCCAGUUGAGGUU   GUICCACCA   12406   AGAGCUIC   GCCGAAAGGCCAGUUGAGGUU   GUICCACCA   12406   AGAGCUIC   GCCGAAAGGCCAGUUGAGGUU   GUICCACCA   12407   AGGCAGAG   GCCGAAAGGCGAGUGAGGUU   UCCACCAA   12406   UUGUUGAG   GCCGAAAGGCGAGUGAGGUU   UCCACCAA   12408   UUGUUGAG   GCCGAAAGGCGAGUUGAGGUU   UCCACCAA   12408   UUGUUGAG   GCCGAAAGGCGAGUGAGGUU   UCCACCAA   12408   GCCGAAGG   GCCGAAAGGCGAGUGAGGUU   AGAUGAA   3078   1151   9879   UUGUUCAG   CAUGAGAC   12409   GCCGAAGG   GCCGAAAGGCGAGUGAGGUU   AGAUGAA   3078   1151   9879   UUGUUCAG   CAUGAGAC   12409   GCCGAAGG   GCCGAAAGGCGAGUGAGGUU   AGAUGAA   3078   1155   9855   AACCACCA   UUCUUCCA   22412   UGGAAGAA   GCCGAAAGGCAGUGAGGUU   GUICGUUGA   12412   UGGAAGAA   GCCGAAAGGCGAGUGAGGUU   UGAAUUCA   GUICGAAG   GUICGAAGGCGAGUGAGGUU   UGAAACCA   3078   1226   9822   UGGUUUGA   GCAAAAGGCGAAG   GCCGAAAGGCGAGUGAGGUU   UGAAACCA   3078   1225   9808   UGGAACCU   GCCGAAAGGCGAAGGCGAGUGAGGUU   UGAAACCA   3078   1225   9808   MAGCAUCA   GUICGAAU   12415   AUGUCAGA   GCCGAAAGGCGAGUGAGGUU   UGAAACCA   3078   1225   9808   AACCAUCCA   GUICGAAC   12416   AUUGGCAG   GCCGAAAGGCGAGUGAGGUU   UCCAACCA   3078   1225   9808   MAGCAUCA   GUICGAAC   12417   AUGUUGA   GCCGAAAGGCGAGUGAGGUU   UGAACCA   3078   12429   9781   AGUUGAGG   GUICGAAC   12429   AGGGCAAG   GCCGAAAGGCGAGUGAGGUU   UGAACCA   12429   12420   12420   12420   12420   12420   12420   12420   12420   12420   12420   12420   12420   12420	1085	9945	CAAGCAGU G UCGCGGAC	12402		30777
1104   9926   UCCNICCG G COCCUGGA   12406   UCCNGGGG GCCGAAAGGCCAGUGAGGCC GGAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	1088	9942	GCAGUGUC G CGGACGUU	12403	AACGUCCG GCCGAAAGGCGAGUGAGGUCU GACACUGC	30778
1118   9912   GGGGAMDU G CGRACUCU   12406   AGGCIGG GCCGAAAGGCGAGUUGAGUCU AUNUCUCC   3078	1094	9936	UCGCGGAC G UUCCAUCC	12404	GGAUGGAA GCCGAAAGGCGAGUGAGGUCU GUCCGCGA	30779
1127   9908   AURUGCGA G CUCUGCCU   12407   AGGCAGGG GCCGARAGGCGAGUURAGUCU UGCGCUAU   1071   1127   9903   CAGGCUCU G CCCACCAA   12408   UUUGULAG GCCGARAGGCGAGUURAGUCU AGGCUCG 3078   1151   9879   UUUCCUCG G CCCGARAGGCGAGUURAGUCU AGGCUCG 3078   1151   9879   UUUCCCCC G CAUGGAC   12410   GUUCCAUG GCCGARAGGCGAGUGRAGUCU CAGGUGA   3078   1165   9865   AACCACCA G UGUUCUCU   12411   GAUGAGAC GCCGARAGGCGAGUGRAGUCU CAGGUGGA   3078   1167   9865   CACCACGG G UUCUUCUC   12412   UGCACAC G CGCGARAGGCGAGUGRAGUCU CAGGUGGA   3078   1194   9836   CCACCAGU G UUCUUCCA   12412   UGGARGAA GCCGARAGGCGAGUGRAGUCU CAGGUGGA   3078   1194   9836   UCAUAUCA GUURAADGC   12413   CCAUUCAC GCCGARAGGCGAGUGRAGUCU CAUGAUGGA   3078   1202   9828   GUGARAGU G UUUGAGCA   12414   UGCUCAAA GCCGARAGGCGAGUGRAGGUCU CAUGAUGA   3078   1208   9822   UGGUUUGA G CARAAGGGA GCCGARAGGCGAGUGRAGGUCU CAUGAUCA   3078   1222   9808   UGGACCC G CUCCAAU   12414   AUGACUGA GCCGARAGGCGAGUGRAGGUCU CAGGUUCA   3079   1222   9808   UGGACCC G CUCCAAU   12417   AUGAUUGA GCCGARAGGCGAGUGRAGGUCU AGGUUCA   3079   1242   9788   ACCUUCU G CCAAUCAU   12417   AUGAUUGG GCCGARAGGCGAGUGRAGGUCU AGGUUCA   3079   1242   9788   ACCUUCU G CCAAUCAU   12417   AUGAUUGG GCCGARAGGCGAGUGRAGGUCU AGGUUCA   3079   1242   9788   ACCUUCCA G UUGACGGU   12419   AUGAUGAG GCCGARAGGCGAGUGRAGGUCU GAGUUCA   3079   1242   9788   ACCUUCA G UUCCACU   12419   AUGAUGAG GCCGARAGGCGAGUGRAGGUCU GAGUUCA   3079   1245   9781   AUGUACAG G UUCCACU   12419   AUGUACAG G CCCGARAGGCGAGUGRAGGUCU GAGUUCA   3079   1245   9781   AUGUACAG G UUCCACU   12419   AUGUACAG G CCCGARAGGCGAGUGRAGGUCU GUGACGU   3079   1245   9781   AUGUACAG G UUCCACU   12419   AUGUACAG G CCCGARAGGCGAGUGRAGUCU GUGACGU   3079   1247   3075   AUGUACAG G UUCCACA G UUCCACAG G CCCGARAGGCGAGUGRAGUCU UGCACAC G UUCACAG G UUCACACA G CCCGARAGGCGAGUGRAGUCU UGCACAC G UUCACAC G UUCACAC G CCCGARAGGCGAGUGRAGUCU UGCACAC G UUCACAC G CCCGARAGGCGCAGUGRAGUCU UGCACAC G UUCACAC G CACAAGGCA GCCGARAGGCGAGUGRAGUCU UUCACAC   3080   3080   3080   3080   3080   3080   3080   3080	1104	9926	UCCAUCCG G CCCCUGGA	12405		30780
1127   9903	1118	9912	GGAGAUAU G CGAGCUCU	12406	AGAGCUCG GCCGAAAGGCGAGUGAGGUCU AUAUCUCC	30781
1144   9886	1122	9908	AUAUGCGA G CUCUGCCU	12407		30782
1151   3879	1127	9903	CGAGCUCU G CCUACCAA	12408	UUGGUAGG GCCGAAAGGCGAGUGAGGUCU AGAGCUCG	30783
1165   9865   NACCACCA G UGUUCUUC   12411   GAAGAACA GCCGAAAGGCGAGUGAGGUCU UGGUGGU   3078     1164   9863   CCACCAGU G UUCUUCCA   12412   UGGAAGA GCCGAAAGGCGAGUGAGGUCU CACUGGUGG   3078     1202   9828   GUGAAAUG G UUUGAGCA   12414   UGCUCAAA GCCGAAAGGCGAGUGAGGUCU UGAAUCGA   3078     1208   9822   UGGUUGA G CAAAAUGG   12415   CCAUUUCA GCCGAAAGGCGAGUGAGGUCU UGAAUCGA   3078     1228   9808   UGGAACUG G CUGCCAAU   12415   CCAUUUUG GCCGAAAGGCGAGUGAGGUCU UCAACCA   3079     1225   9808   UGGAACUG G CUGCCAAU   12416   AUUGGCAG GCCGAAAGGCGAGUGAGGUCU CACACCA   3079     1225   9805   NACCUGCU G CUGCCAAU   12416   AUUGGCAG GCCGAAAGGCGAGUGAGGUCU CACACCA   3079     1242   9788   ACCUCCA G UUGACGGU   12418   ACGUCCAA GCCGAAAGGCGAGUGAGGUCU UGGAUGGG   12429   9781   AGUUGAG G UUUCCACU   12418   ACGUCAA GCCGAAAGGCGAGUGAGGUCU UGGAUGGG   12418   ACGUCAA GCCGAAAGGCGAGUGAGGUCU UGGAUGGG   12418   ACGUCAA GCCGAAAGGCGAGUGAGGUCU UGCAACCU   12419   9781   AGUUGAGG UUUCCAC   12419   AGUGGAA GCCGAAAGGCGAGUGAGGUCU UCCUCAACU   3079   1287   9781   AGUUGAGG CUUUCGG   12420   CCCCAAAG GCCGAAAGGCGAGUGAGGUCU UACCAACU   3079   1287   9781   AGUUGAGA G CUGAACGG   12420   CCCCAAAG GCCGAAAGGCGAGUGAGGUCU UACCAACU   3079   1287   9781   UUGACAUA G CAUUCACCU   12421   AAGGUCGG GCCGAAAGGCGAGUGAGGUCU UAUCCAAC   3079   1287   9781   UUGACAUA G CAUUCACCU   12421   AAGGUCGG GCCGAAAGGCGAGUGAGGUCU UAUCCAAC   3079   1287   97912   UUGACAUA G CAUUCACC   12421   CCCCCAAUG GCCGAAAGGCGAGUGAGGUCU UUCCUCA   3079   1288   9792   GAAGGGAG G CAAGGGCGAG   12422   CCCCAAUG GCCGAAAGGCGAGUGAGGUCU UUCCUCA   3079   1288   9792   GAAGGGAG G CAAGGCGA   12423   UCCCUCCA GCCGAAAGGCGAGUGAGGUCU UUCCUCA   3079   1288   4386   1288   128	1144	9886	UUCAUCCU G UCCUCGGC	12409	GCCGAGGA GCCGAAAGGCGAGUGAGGUCU AGGAUGAA	30784
1167   9863	1151	9879	UGUCCUCG G CAUGGAAC	12410		30785
1914   9835	1165	9865		12411		30786
1202   9928	1167	9863	CCACCAGU G UUCUUCCA	12412	<u></u>	30787
1208   9822	1194 .	9836	UCAAUUCA G UGAAAUGG	12413	CCAUUUCA GCCGAAAGGCGAGUGAGGUCU UGAAUUGA	30788
1222   9808	1202	9828	GUGAAAUG G UUUGAGCA	12414	UGCUCAAA GCCGAAAGGCGAGUGAGGUCU CAUUUCAC	30789
1225   9805	1208	9822	UGGUUUGA G CAAAAUGG	12415	CCAUUUUG GCCGAAAGGCGAGUGAGGUCU UCAAACCA	30790
1242   9788   ACCAUCCA G UUBACGGU   12418   ACCGUCAA GCCGAAAGGCAGUGAGGUCU UGGAUGGU   3079   1249   9781   AGUUGACG G UUUCCACU   12419   AGUUGAAA GCCGAAAGGCGAGUGAGGUCU AUCCAACA   3079   1265   9765   UCUUUGAGU G UCUUUGAC   12420   CGCAAAGG GCCGAAAGGCGAGUGAGGUCU AUCCAACA   3079   1271   9759   AUGUCUUU G CGAACCUU   12421   AAGGUUCG GCCGAAAGGCGAGUGAGGUCU AUCCAACA   3079   1287   9743   UUGACGAAG   12422   CCUCAAUG GCCGAAAGGCGAGUGAGGUCU AAAGACAU   3079   1287   9743   UUGACGAAG   12422   CCUCAAUG GCCGAAAGGCGAGUGAGGUCU AAAGACAU   3079   1298   9732   UUGACGAA   04640   12422   CCUCAAUG GCCGAAAGGCGAGUGAGGUCU UUCCUCAA   3079   1303   9727   GAAGUGAG C CGGAAAGGCAGUGAGGUCU UUCCUCAA   3079   1303   9727   GAAGUGAG C CGGAAAGGCAGUGAGGUCU UUCCUCAA   3079   1308   9722   GGAGGGAG G UGGCAAAG   12423   UCGCUCCA GCCGAAAGGCGAGUGAGGUCU UUCCUCCA   3070   1311   9719   GCGAGGUG G CAAAGGGA   12425   CUUUUGCCA GCCGAAAGGCGAGUGAGGUCU UUCCCCCA   3080   1311   9719   GCGAGGUG G CAAAGGGA   12425   CUUUUGCCA GCCGAAAGGCGAGUGAGGUCU CACCUCCC   3080   1316   9714   GUGGCAAA G CGAAAGGCA   12425   CUUUUGCCA GCCGAAAGGCGAGUGAGGUCU UUCCCCCA   3080   1322   9708   AAGCGAU G UCCAAGGG   12427   GACAAUCG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAGG GCCGAAAGGCGAGUGAGGUCU UUUGCACC   3080   1330   9700   GUCCAGGG G CUUUACCA   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCACC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UUUGCAGCCC   1080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UUUGUGUU   3080   1359   9671   CACUGACG G CCGAAAGGCGAGUGAGGUCU UUUGUGUU   3080   1359   9671   CACUGACG G CUGAAGGCGAGUGAGGCGAGUGAGGUCU UUUGUGUGU   3080   1359   9663   GCCGAAAGGCGAGUGAGGCGAGUGAGGUCU UUUGUGAG   3080   1360   9663   GCCGAAAGGCGAGUGAGGCGAGUGAGGUCU UUUGUGAG   3080   1360   9663   GCCGAAAGGCGAGUGAGGCGAGUGAGGUCU UUGUGGUU   3080   1360   9663   GCCGAAAGGCGAGGGGAGGGAGGGAGGGAGGGAGGGAGG	1222	9808	UGGAACCU G CUGCCAAU	12416	AUUGGCAG GCCGAAAGGCGAGUGAGGUCU AGGUUCCA	30791
1249   9781   AGUUGACG G UUUCCACU   12419   AGUGGAAA GCCGAAAGGCGAGUGAGGUCU CGUCAACU   3079   1265   9765   UCUUGGAU G UCUUUUGCC   12420   CGCAAAGA GCCGAAAGGCGAGUGAGGUCU AUCCAAGA   3079   1271   9759   AUGUCUUU G CGAAACGU   12421   AAGUUCGG GCCGAAAGGCGAGUGAGGUCU AUCCAAGA   3079   1287   9743   UUGACGAA G CAGAACGUU   12421   AAGUUCGG GCCGAAAGGCGAGUGAGGUCU AUAGCAAU   3079   1298   9732   UUGAGGAA G UGAGAGGA   12422   CCUCAAUG GCCGAAAGGCGAGUGAGGUCU UAUGUCAA   3079   1298   9727   GAAGUGGA G CGGAGAGGG   12424   CCACCUCG GCCGAAAGGCGAGUGAGGUCU UCCACUUC   3079   1308   9722   GGAGCGAG G CGGGAAAGGCGAGUGAGGUCU UCCACUUC   3079   1308   9722   GGAGCGAG G UGGCAAAG   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU UCCACUUC   3079   1311   9719   GCCGAGAGGG G CGAAAGGCGAGUGAGGUCU CUCCCCC   3080   1311   9719   GCCGAGAGGG G CAAAAGCGA   12426   UCGCUUG GCCGAAAGGCGAGUGAGGUCU UCCCCUCC   3080   1312   9714   GUGGCAAA G CGAUCGUC   12426   UCGCUUG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGCGAU G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1330   9700   GUCCAGGG G UCUUUCCA   12429   UGGUAAAG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1333   9760   GUCCAGGG G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1336   9667   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1359   9671   CACUGAC G CCAUGCGG   12431   CCGCAUGG G CCGAAAGGCGAGUGAGGUCU UUUUCCAU   1040   1364   9666   ACAGCCAU G CGCAUCGC C 12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UUUUCCAU   12431   AAGAAAGA G CCGAAAGGCGAGUGAGGUCU UUUUCCAU   12431   AAGAAGA G CCGAAAGGCGAGUGAGGUCU UUUUCCAU   12431   AAGAAGA G CCGAAAGGCGAGUGAGGUCU UUUUCCAU   12434   AAGAAGA G CCGAAAGGCGAGUGAGGUCU UCAGCUGU   12431   AAGACGAG G CCGAAAGGCGAGUGAGGUCU UCAGCUGU   12431   AAGACGAG G CCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1372   9658   GCGCAUGAG G CUGAAGCU   12432   GACCUGA G CCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1372   9658   GCGCAUGAG G UUCAGCAC   12431   AAGACGAG G CCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1372   9658   GCGCAAGGCGA	1225	9805	AACCUGCU G CCAAUCAU	12417	AUGAUUGG GCCGAAAGGCGAGUGAGGUCU AGCAGGUU	30792
1265   9765	1242	9788	ACCAUCCA G UUGACGGU	12418	ACCGUCAA GCCGAAAGGCGAGUGAGGUCU UGGAUGGU	30793
1271   9759   AUGUCUTU G CGAACCUU   12421   AAGGUUCG GCCGAAAGGCGAGUGAGGUCU AAAGACAU   3079   1287   9743   UUGACAUA G CAUUGAGG   12422   CCUCANUG GCCGAAAGGCGAGUGAGGUCU UNUGUCAA   3079   1298   9732   UUGAGGAA G UGAGGCGA   12423   UUGGCCCA GCCGAAAGGCGAGUGAGGUCU UUCCAUCA   3079   1303   9727   GAAGUGGA G CGGAAAGGCA   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU UUCCAUCU   3079   1308   9722   GGAGCGAG G UGGCCAAAG   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU UCCACUUC   3079   1308   9722   GGAGCGAG G UGGCAAAG   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU UCCACUUC   3080   1311   9719   GCGAGGUG G CAAAGGCGA   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU CACCUUCC   3080   1316   9714   GUGGCAAA G CGAUCGUC   12427   GACGAUCG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGGGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGGGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1333   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGGGC   3080   1354   9666   ACAGCCAU G CGGCUGAG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUGGGC   3080   1354   9666   ACAGCCAU G CGGCUGAG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUGGGC   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1372   9658   GCGGCUGA G UCUUCUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1372   9658   GCGGCUGA G UCUUCUCU   12434   AGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCG   3080   1367   9663   CCCUAACA G CCUAGCG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UCAGCCG   3080   1369   9634   CUCAAACA G CCUAGCGC   12435   GGACAGG GCCGAAAGGCGAGUGAGGUCU UCAGCCG   3080   1369   9653   CCCUACAC G UUGAGUCU   12436   GGACAGGAG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1369   9653   CCCUACAC G UCAGGCG G UCCUACC   12437   GGAAAGG GCCGAAAGGCGAGUGAGGUCU UCACCAC   3081   1444   9616   GACUUUCU G UGAGUGCG G UCAAACG CCGGAAAGGCGAGUGAGGUCU UCACCAAAGGCGAGUGAGUCU UCACCAAAG	1249	9781	AGUUGACG G UUUCCACU	12419	AGUGGAAA GCCGAAAGGCGAGUGAGGUCU CGUCAACU	30794
1287   9743	1265	9765	UCUUGGAU G UCUUUGCG	12420	CGCAAAGA GCCGAAAGGCGAGUGAGGUCU AUCCAAGA	30795
1298   9732   UUGAGGAA G UGAGGGA   12423   UCGCUCCA GCCGAAAGGCGAGUGAGGUCU UUCCUCAA   3079   1303   9727   GAAGUGGA G CGAGGUGG   12424   CCACCUCG GCCGAAAGGCGAGUGAGGUCU UUCCACUUC   3079   1308   9722   GGAGCGAG G UGGCAAAG   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU CUCGCUCC   3080   1311   9719   GCGAGGUG G CAAAGGCA   12426   UCGCUUUG GCCGAAAGGCGAGUGAGGUCU CUCGCUCC   3080   1316   9714   GUGGCAAA G CGAAAGGCA   12426   UCGCUUUG GCCGAAAGGCGAGUGAGGUCU CACCUCGC   3080   1322   9708   AAGCAAA G CGACACA G UCCACGGG   12426   CCCUUGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGCAACA G UCCACGGG   12428   UCCACCAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAA   3080   1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU CCCUGGAC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1359   9671   CACUGACA G CCGUGGA   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1364   9666   ACAGCCAU G CGCUGGA   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1367   9663   GCCAUGCG G CUGAGGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1372   9658   GCGCUGAA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCG   3080   1372   9658   GCGCUGAA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1399   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1399   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1399   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1414   9616   GACUUUGG G UCCUGACU   12436   GAACUCA GCCGAAAGGCGAGUGAGGUCU UCAACAAA   3081   1428   9602   UCCCUUUU G UGAGUUCC   12437   GGAAAGGC GAGUGAGGUCU UCAACAAA   3081   1428   9602   UCCCUUUU G UGAGUGA G UCCUGACC   12436   GAACUCA GCCGAAAGGCGAGUGAGGUCU UCAACAAA   3081   1428   9602   UCCCUUUU G UGAGUGA G UCCUGACC   12430   GAACCCCA GCCGAAAGGCGAGUGAGGUCU U	1271	9759	AUGUCUUU G CGAACCUU	12421	AAGGUUCG GCCGAAAGGCGAGUGAGGUCU AAAGACAU	30796
1303   9727   GAAGUGGA G CGAAGGUGG   12424   CCACCUCG GCCGAAAGGCAGUGAGGUCU UCCACUUC   3079   1308   9722   GAAGGCAG G UGGCAAAG   12425   CUUUUGCCA GCCGAAAGGCAGUGAGGUCU CUCGCUCC   3080   1311   9719   GCGAGGUG C CAAAGGCA   12426   UCGCUUUG GCCGAAAGGCAGUGAGGUCU CACCUCGC   3080   1316   9714   GUGGCAAA G CGAAAGGCA   12427   GACGAUGG GCCGAAAGGCAGUGAGGUCU CACCUCGC   3080   1316   9714   GUGGCAAA G CGAUCGU   12427   GACGAUGG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGCGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1330   9700   GUCCAGGG G UUUUACCA   12429   UCGGUUG GCCGAAAGGCGAGUGAGGUCU UGUCGGU   3080   1330   9700   GUCCAGGG G UUUUACCA   12429   UCGGUAAGGCGAGUGAGGUCU CCUUGAC   3080   1339   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUUGGU   3080   1359   9671   CACUGACA G CCAUGCGG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUUGGU   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUUGGU   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UCGCUUGGC   3080   1372   9658   GCGGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCG   3080   1396   9634   CUCAAACA G CCAGGUUC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1396   9634   CUCAAACA G UCCUGACU   12436   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGG ACCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1428   9602   UCCCUUUU G UGAGUCC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCAAAGUC   3081   1428   9602   UCCCUUUU G UGAGUCC   12436   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCAAAGUC   3081   1428   9602   UCCCUUUU G UGAGGUC   12436   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCAAAGUC   3081   1428   9598   UUUUGUGG G CCAAUCAC   12439   UGAAAGGA GCCGAAAGGCGAGUGAGGUCU UCAAAGAGCAGCGAGUGAGGUCU UCAAAGAGCAGCGAGUGAGGUCU UCAAAAGAGCAGAGGAGGAGGAGGAGGAGGAGGAGGAGGAG	1287	9743	UUGACAUA G CAUUGAGG	12422	<u></u>	30797
1308   9722   GGAGCGAG G UGGCAAAG   12425   CUUUGCCA GCCGAAAGGCGAGUGAGGUCU CUCGCUCC   3080     1311   9719   GCGAGGIG G CAAAGGCA   12426   UCGCUUUG GCCGAAAGGCGAGUGAGGUCU CACCUCGC   3080     1316   9714   GUGGCAAA G CGAUCGUC   12427   GACGAUCG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080     1322   9708   AAGGGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080     1330   9700   GUCCAGGG G CUUUACCA   12429   UCGUAAAG GCCGAAAGGCGAGUGAGGUCU GAUCGCUU   3080     1343   9687   ACCACCA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUUGAGU   3080     1359   9671   CACUGACA G CCAUCCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUUCAGU   3080     1364   9666   ACAGCCAU G CCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080     1367   9663   GCCAUGCG G CUGAGUCU   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080     1372   9658   GCGCCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080     1376   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080     1376   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080     1396   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UGUUUGAG   3081     1401   9629   ACAGCCAG G UCCUUUCCU   12437   GGAAAGGA GCCGAAAGGCCGAGUGAGGUCU UCAGCCGC   3080     1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGA GCCGAAAGGCCGAGUGAGGUCU CACAAGUC   3081     1428   9602   UCCCUUUU G UGAGUUUC   12438   GAAACUCA GCCGAAAGGCCGAGUGAGGUCU CACAAGA   3081     1432   9598   UUUUGUGA G UUUUCCA   12439   UGAGAAAG GCCGAAAGGCCGAGUGAGGUCU CACAAGA   3081     1449   9516   GACUUUGG G CCCAAUCAC   12440   GUGAUUGA GCCGAAAGGCCAGUGAGGUCU CACAAGA   3081     1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUGAG GCCGAAAGGCCAGUGAGGUCU CACAAGA   3081     1494   9531   ACGGCCAG G CCGAGUGA   12441   CCGUCCAG GCCGAAAGGCCAGUGAGGUCU CUCACAC   3081     1496   9544   CCUCACCA G CUGAGAGG   12441   CCGUCCAG GCCGAAAGGCCAGUGAGGUCU CUCACACC   3081     1599   9521   UGGUGAA G UUUAGGG C UAACAAC GCCGAAAGG	1298	9732	UUGAGGAA G UGGAGCGA	12423	UCGCUCCA GCCGAAAGGCGAGUGAGGUCU UUCCUCAA	30798
1311   9719   GCGAGGUG G CAAAGCGA   12426   UCGCUUUG GCCGAAAGGCGAGUGAGGUCU CACCUCGC   3080   1316   9714   GUGGCAAA G CGAUCGUU   12427   GACGAUCG GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1322   9708   AAGCGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU UUUGCCAC   3080   1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGUGGU   3080   1359   9671   CACUGACA G CCAUGCGG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1372   9653   GCCGUCGG C CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1372   9653   GCGCUGA G UCCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1401   9629   ACAGCCAG G UCCUGACU   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1401   9629   ACAGCCAG G UCCUGACU   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1428   9602   UCCCUUUU G UGAGUGU   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCAGAGUC   12439   UGAGGAAA GCCGAAAGGCGAGUGAGGUCU CAAAGUC   3081   1432   9598   UUUUGUGA G UUUUCCA   12439   UGAGGAAA GCCGAAAGGCGAGUGAGGUCU CAAAGGC A 3081   1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CAAAAGA   3081   1454   9536   GUGGACG G CUGGACGA   12440   GUGAUGG GCCGAAAGGCGAGUGAGGUCU CAAAAAA   3081   1454   9536   GUGGACG G CCAAUCAC   12440   GUGAUGG GCCGAAAGGCGAGUGAGGUCU CACAAAA   3081   1454   9536   GUGGACG G CCAAUCAC   12440   GUGAUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1459   9551   UGGUGAG G CCAAUCAC   12440   GUCACCCA G CCGAAAGGCGAGUGAGGUCU CCACACG G CUGACAGGC G CCGAAAGGCGAGUGAGGUCU CCACACG G CUGACAGCG G CCGAAAGGCGAGUGAGGUCU CCACACG G CUGACAGC G CCGAAAGGCGAGUGAGGUCU UUCACCA   3082   1509   9551   UGGUGAA	1303	9727	GAAGUGGA G CGAGGUGG	12424	<u> </u>	30799
1316   9714	1308	9722		12425		30800
1322   9708   AAGCGAUC G UCCAGGGG   12428   CCCCUGGA GCCGAAAGGCGAGUGAGGUCU GAUCGCUU   3080   1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1359   9671   CACUGACA G CCAUGGG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1367   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1367   9663   GCCAUGCG G CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU   AUGGCUGU   3080   1372   9658   GCGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UGUCAGCC   3080   1396   9634   CUCAAACA G CCAGGCCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UGUUGAGG   3081   1401   9629   ACAGCCAG G UCCUUACCU   12436   AGUCAGAG GCCGAAAGGCGAGUGAGGUCU UGUUGAGG   3081   1444   9616   GACUUUGG G UCCUUACCU   12436   AGUCAGAG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1428   9602   UCCCUUUU G UGAGUUCU   12436   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCACAAAG   3081   1428   9502   UCCCUUUU G UGAGUUCU   12436   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1451   9579   UCAUCUGG G CCAAACAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1451   9579   UCAUCUGG G CCAAUCAC   12436   GAAACUCA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGGACG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGGACG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGGACG G CCAAUCAC   12441   UCACCCAA GCCGAAAGGCGAGUGAGGUCU UCACACCA G CUGGACGG G CCAAUCAC   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UCACACCA G CUGGACGG G CCAAUCAC   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU CAACCUGG   3081   1503   9527   CCAGGUUG G UGGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU CAACCUGG   3081   1503   9527   CCAGGUUG G UGGACGG G CCGAAAGGCGAGUGAGGUCU CAACCUGG   3081   1509   9521   UGGUAAAA G UGUAGAGC   12446   GCCCUAACA GCCGAAAGGCGAGUGAGGUCU UUCACCA   3082   1518   9512   UGGUAAA G UGUAGGAC   12446   GCCCUAACA GCCG	1311	9719	GCGAGGUG G CAAAGCGA	12426		30801
1330   9700   GUCCAGGG G CUUUACCA   12429   UGGUAAAG GCCGAAAGGCGAGUGAGGUCU CCCUGGAC   3080   1343   9687   ACCACACA G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGUGGU   3080   1359   9671   CACUGACA G CCAUGCGG   12431   CCGCAUGG GCCGAAAGGCCAGUGAGGUCU UGUCAGUG   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1367   9663   GCCAUGCG G CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU UCAGCCCC   3080   1372   9658   GCGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCCC   3080   1396   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCCC   3081   1401   9629   ACAGCCAG G UCCUGUCU   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU UCAGCCCC   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGCUGU   3081   1428   9602   UCCCUUUU G UGAGUUUC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU CAAAGUC   3081   1432   9598   UUUUGUGA G UUUCUCCA   12439   UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1431   9579   UCAUCUGG G CCAAUCAC   12440   GUGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1446   9544   CCUCACCA G CUGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGACG G CUGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU CAGAUGA   3081   1494   9536   GCUGGACG G CUGGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAG   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU CAGCCGA   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU CAGCCGA   3081   1503   9527   CCAGGUUG G UGAAAGGG   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU CACCCCC   3081   1509   9521   UGGUGAAA G UGAAGGG   12444   CACUUCA GCCGAAAGGCGAGUGAGGUCU CACCCCC   3081   1509   9521   UGGUGAAA G UGAAGGG   12445   CCUAAACA GCCGAAAGGCGAGUGAGGUCU CACCCCC   3081   1509   9520   UUUUAGGG G CUGAAGGG GCGAAAGGCGAGUGAGGUCU CACCCCC   3082   1518   9519   GUGAAAGU G UUAGGAC   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CUAACCA   3082   1518   9510   UUUAGGG G UGAAAGU   12	1316	9714		12427		30802
1343   9687   ACCACAC G UCAUCUCC   12430   GGAGAUGA GCCGAAAGGCGAGUGAGGUCU UGUGUGGU   3080   1359   9671   CACUGACA G CCAUGCGG   12431   CCGCAUGG GCCGAAAGGCGAGUGAGGUCU UGUCAGUG   3080   1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU AUGGCUGU   3080   1367   9663   GCCADGCG G CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU CGCAUGGC   3080   1372   9658   GCGGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAUGAGGUGAGGUCU UCAGCCGC   3080   1372   9658   GCGCUGA G UCUUUCUU   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1396   9634   CUCAAACA G CCAGACUC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1401   9629   ACAGCCAG G UCCUUUCC   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CAAAGUC   3081   1428   9602   UCCCUUUU G UGAUUUC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGA   3081   1432   9598   UUUUGUGA G UUUCUCCA   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGA   3081   1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUUUG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGAAG G CCCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGGACG G CUGGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UCACAAC   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU UCACCAC   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU CAGCCGU   3081   1509   9521   UGGUGAAA G UUGUUCAA   12446   GCCCUAA GCCGAAAGGCGAGUGAGGUCU UCACCAGC   3081   1509   9521   UGGUGAAA G UGGUGAA   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU UACCCAG   3081   1509   9521   UGGUGAAA G UGGUGAAA G UGGUGAAA G UGGUGAAAGGCGAGUGAGGUCU CAACCUG G CCGAAAGGCGAGUGAGGUCU CUAAACA   3082   1518   9512   UGUUAGGC G UGACACCU G CGCGAAGGCGAGU	1322	9708			<u> </u>	30803
1359   9671	1330	9700				30804
1364   9666   ACAGCCAU G CGGCUGAG   12432   CUCAGCCG GCCGAAAGGCGAGUGAGGUCU AUGGCUGU   3080   1367   9663   GCCAUGCG G CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU CGCAUGGC   3080   1372   9658   GCGGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1396   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3081   1401   9629   ACAGCCAG G UCCUGACU   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU CUGGCUGU   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CCAAAGUC   3081   1428   9602   UCCCUUUU G UGAGUUUC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU CCAAAAGUC   3081   1432   9598   UUUUGUGA G UUUCUCCA   12439   UGGAGAAA GCCGAAAGGCGAGUGAGGUCU CCACAAAA   3081   1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA   3081   1486   9544   CCUCACCA G CUGGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA   3081   1494   9536   GCUGGACG G CCAGGUUG   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU CUGCCAGC   3081   1503   9527   CCAGGUUG G UGAAAGUG   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU CUGCCAGC   3081   1509   9521   UGGUGAAA G UGUUUAGG   12445   CCUAAACA GCCGAAAGGCGAGUGAGGUCU CUCCAGC   3081   1509   9521   UGGUGAAA G UGUUUAGG   12445   CCUAAACA GCCGAAAGGCGAGUGAGGUCU CACCUGG   3081   1509   9521   UGGUGAAA G UGUUUAGG   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CACCUGG   3081   1509   9521   UGGUGAAA G UGUUUAGG   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CACCUGG   3081   1509   9521   UGUUAGGG C UAGGUGG   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CACCUGC   3082   1518   9519   GUGAAAGU G UUUAGGGC   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CACCUGC   3082   1518   9519   GUGAAAGU G UGAGGGC G UGAGGGG G CCGAAAGGCGAGUGAGGUCU CCUAAACA   3082   1524   9506   GGCGUAG G UGACACU   12446   GCCCUAACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA   3082   1534   9496   GACAACUU G UCCACUCC   12450   GGAGUGGA GCCGAAAGGCGAGUGAGGUCU CCUAAACA   3082   1538   9452	1343	9687	ACCACACA G UCAUCUCC	12430	<u></u>	30805
1367   9663   GCCAUGCG G CUGAGUCU   12433   AGACUCAG GCCGAAAGGCGAGUGAGGUCU CGCAUGGC   3080   1372   9658   GCGGCUGA G UCUUUCUU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1396   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UGUUUGAG   3081   1401   9629   ACAGCCAG G UCCUUUCC   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU CUGUCUGU   3081   1414   9616   GACUUUG G UCCUUUUCC   12437   GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CCAAAGUC   3081   1428   9602   UCCCUUUU G UGAGUUUC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGGA   3081   1432   9598   UUUUGUGA G UUUUCUCA   12439   UGAGAAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1486   9544   CCUCACCA G CUGGACGG   12441   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1494   9536   GCUGGACG G CCAAGUGA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU UGGUGAG   3081   1494   9536   GCUGGACG G CCAGGUUG   12442   CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAG   3081   1499   9531   ACGGCCAG G UUGGUGAA   12443   UUCACCAA GCCGAAAGGCGAGUGAGGUCU UGGUCAGC   3081   1503   9527   CCAGGUUG G UGAAAGUG   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU CUGCCGU   3081   1509   9521   UGGUGAAA G UGGAAAGUG   12445   CCUUACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1511   9519   GUGAAAGU G UUGAGGC   12446   GCCCUAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1518   9512   UGUUUAGG G CGUAGGUGA   12447   CACCUUCA GCCGAAAGGCGAGUGAGGUCU CUAACCA   3082   1518   9512   UGUUUAGG G CGUAGGUGA   12447   CACCUAC GCCGAAAGGCGAGUGAGGUCU CUAACCA   3082   1524   9506   GGCGUAG G UGACAACU   12448   GUCACCUA GCCGAAAGGCGAGUGAGGUCU CUAACCA   3082   1534   9496   GACAACUU G UCCACCC   12450   GGAGUGA GCCGAAAGGCGAGUGAGGUCU CUAACGCCC   3082   1534   9496   GACAACUU G UCCACCC   12450   GGAGUGA GCCGAAAGGCGAGUGAGGUCU CUAACGCCC   3082   1534   9496   GACAACUU G UCCACCCC   12450   GGAGUGA GCCGAAAGGCGAGUGAGGUCU UGACGCC   3082   1534   9496   GACAACUU G UCCACCCC   12450   GGAGUGA GCCGAAAGGCGAGUGAGGUCU UGAUGGA   3082   1534   949	1359	9671				30806
1372   9658   GCGGCUGA G UCUUUCU   12434   AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAGCCGC   3080   1396   9634   CUCAAACA G CCAGGUCC   12435   GGACCUGG GCCGAAAGGCGAGUGAGGUCU UGUUUGAG   3081   1401   9629   ACAGCCAG G UCCUGACU   12436   AGUCAGGA GCCGAAAGGCGAGUGAGGUCU CUGGCUGU   3081   1414   9616   GACUUUGG G UCCUUUCC   12437   GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CCAAAGUC   3081   1428   9602   UCCCUUUU G UGAGUUUC   12438   GAAACUCA GCCGAAAGGCGAGUGAGGUCU CAAAGUC   3081   1432   9598   UUUUGUGA G UUUCUCCA   12439   UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1451   9579   UCAUCUGG G CCAAUCAC   12440   GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCACAAAA   3081   1486   9544   CCUCACCA G CUGGACGG   12441   CCGUCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG   3081   1494   9536   GCUGGACG G CCAGGUUG   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU UGGUCAGC   3081   1499   9531   ACGGCCAG G UUGGUGAA   12442   CAACCUGG GCCGAAAGGCGAGUGAGGUCU UGGCCGU   3081   1503   9527   CCAGGUUG G UGAAAGUG   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU UGGCCGU   3081   1509   9521   UGGUGAAA G UGUUUAGG   12444   CACUUUCA GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1511   9519   GUGAAAGU G UUUAGGGC   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1518   9512   UGUUUAGG G CGUAGGUG   12447   CACCUAC GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1518   9512   UGUUUAGG G CGUAGAGGU   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU UUUCACCA   3082   1518   9512   UGUUUAGG G CGUAGAGGU   12446   GCCCUAAA GCCGAAAGGCGAGUGAGGUCU CUUCACC   3082   1534   9496   GACAACUU G UGACACCU   12450   GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUAAACA   3082   1524   9506   GGGCGUAG G UGACACCU   12450   GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACCCC   3082   1534   9496   GACAACUU G UCCACCC   12450   GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACCCC   3082   1534   9496   GACAACUU G UCCACCC   12450   GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACCCC   3082   1534   9496   GACAACUU G UCCACCCC   12450   GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CAACCUGG   3082   1534   9496   GACAACUU G UCCACCCC   12450   GCGGAAGGCGAGUGAGGUCU CAACGCCG AGGUGAGGUCU CAACGCCG AGGUGAG	1364	9666	ACAGCCAU G CGGCUGAG	12432		30807
1396   9634	1367	9663	GCCAUGCG G CUGAGUCU	12433		30808
1401         9629         ACAGCCAG G UCCUGACU         12436         AGUCAGGA GCCGAAAGGCGAGUGAGGUCU CUGGCUGU         3081           1414         9616         GACUJUGG G UCCUJUCC         12437         GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CCAAAGUC         3081           1428         9602         UCCCUJUU G UGAGUJUC         12438         GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGGA         3081           1432         9598         UUJUGUGA G UJUCUCCA         12439         UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA         3081           1451         9579         UCAUCUGG G CCAAUCAC         12440         GUGAUUGG GCCGAAAGGCGAGUGAGGUCU UCGUCAGA         3081           1486         9544         CCUCACCA G CUGGACGG         12441         CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUCAGC         3081           1494         9536         GCUGGACG G CCAGGUUG         12442         CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC         3081           1499         9531         ACGGCCAG G UUGGUGAA         12443         UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU         3081           1503         9527         CCAGGUUG G UGAAAGUG         12444         CACUUUCA GCCGAAAGGCGAGUGAGGUCU UUUCACCA         3082           1511         9519         GUGAAAGU G UUUAGGG         12445         CCUAAACA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC         3082           1518		+				30809
1414         9616         GACUUUGG G UCCUUUCC         12437         GGAAAGGA GCCGAAAGGCGAGUGAGGUCU CCAAAGUC         3081           1428         9602         UCCCUUUU G UGAGUUUC         12438         GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGGA         3081           1432         9598         UUUUUGUGA G UUUCUCCA         12439         UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA         3081           1451         9579         UCAUCUGG G CCAAUCAC         12440         GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA         3081           1486         9544         CCUCACCA G CUGGACGG         12441         CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG         3081           1494         9536         GCUGGACG G CCAGGUUG         12442         CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC         3081           1499         9531         ACGGCCAG G UUGGUGAA         12443         UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU         3081           1503         9527         CCAGGUUG G UGAAAGUG         12444         CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG         3081           1511         9519         GUGAAAGU G UUUAGGG         12445         CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA         3082           1518         9512         UGUUAGG         12446         GCCUAAAG GCGAAGGCGAGUGAGGUCU CCUAAACA         3082           1518		<del> </del>	<del></del>			30810
1428 9602 UCCCUUUU G UGAGUUUC 12438 GAAACUCA GCCGAAAGGCGAGUGAGGUCU AAAAGGGA 3081 1432 9598 UUUUUGUGA G UUUCUCCA 12439 UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA 3081 1451 9579 UCAUCUGG G CCAAUCAC 12440 GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA 3081 1486 9544 CCUCACCA G CUGGACGG 12441 CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG 3081 1494 9536 GCUGGACG G CCAGGUUG 12442 CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC 3081 1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 1518 9512 UGUUUAGG C CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082	$\overline{}$	<del></del>				30811
1432 9598 UUUUGUGA G UUUCUCCA 12439 UGGAGAAA GCCGAAAGGCGAGUGAGGUCU UCACAAAA 3081 1451 9579 UCAUCUGG G CCAAUCAC 12440 GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA 3081 1486 9544 CCUCACCA G CUGGACGG 12441 CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG 3081 1494 9536 GCUGGACG G CCAGGUUG 12442 CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC 3081 1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 3082 1518 9512 UGUUUAGG C CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082			<del> </del>			30812
1451 9579 UCAUCUGG G CCAAUCAC 12440 GUGAUUGG GCCGAAAGGCGAGUGAGGUCU CCAGAUGA 3081 1486 9544 CCUCACCA G CUGGACGG 12441 CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG 3081 1494 9536 GCUGGACG G CCAGGUUG 12442 CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC 3081 1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1518 9512 UGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>				30813
1486 9544 CCUCACCA G CUGGACGG 12441 CCGUCCAG GCCGAAAGGCGAGUGAGGUCU UGGUGAGG 3081 1494 9536 GCUGGACG G CCAGGUUG 12442 CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC 3081 1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1518 9512 UGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>	<del>1</del>	+		30814
1494 9536 GCUGGACG G CCAGGUUG 12442 CAACCUGG GCCGAAAGGCGAGUGAGGUCU CGUCCAGC 3081 1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UUGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1518 9512 UUGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<b></b>	<u> </u>			30815
1499 9531 ACGGCCAG G UUGGUGAA 12443 UUCACCAA GCCGAAAGGCGAGUGAGGUCU CUGGCCGU 3081 1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UUGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 3082 1518 9512 UUGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082						30816
1503 9527 CCAGGUUG G UGAAAGUG 12444 CACUUUCA GCCGAAAGGCGAGUGAGGUCU CAACCUGG 3081 1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 3082 1518 9512 UGUUUAGG G CGUAAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082				<del></del>		30817
1509 9521 UGGUGAAA G UGUUUAGG 12445 CCUAAACA GCCGAAAGGCGAGUGAGGUCU UUUCACCA 3082 1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 3082 1518 9512 UGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>	<del>\</del>			30818
1511 9519 GUGAAAGU G UUUAGGGC 12446 GCCCUAAA GCCGAAAGGCGAGUGAGGUCU ACUUUCAC 3082 1518 9512 UGUUUAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGAG GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>				30819
1518 9512 UGUUNAGG G CGUAGGUG 12447 CACCUACG GCCGAAAGGCGAGUGAGGUCU CCUAAACA 3082 1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGGA GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>	+	<del></del>	· · · · · · · · · · · · · · · · · · ·	30820
1520 9510 UUUAGGGC G UAGGUGAC 12448 GUCACCUA GCCGAAAGGCGAGUGAGGUCU GCCCUAAA 3082 1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGGA GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082						30821
1524 9506 GGGCGUAG G UGACAACU 12449 AGUUGUCA GCCGAAAGGCGAGUGAGGUCU CUACGCCC 3082 1534 9496 GACAACUU G UCCACUCC 12450 GGAGUGGA GCCGAAAGGCGAGUGAGGUCU AAGUUGUC 3082 1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082		<del></del>	<del></del>		<del></del>	30822
15349496GACAACUU G UCCACUCC12450GGAGUGGA GCCGAAAGGCGAGUGAGGUCU AAGUUGUC308215789452CCAUGACG G UUCUUCCA12451UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG308215909440UUCCAUCA G CAGCCGGG12452CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA3082		<del></del>	<del> </del>	+		30823
1578 9452 CCAUGACG G UUCUUCCA 12451 UGGAAGAA GCCGAAAGGCGAGUGAGGUCU CGUCAUGG 3082 1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082	<b>}</b>	<del></del>	<del></del>		<u>}</u>	30824
1590 9440 UUCCAUCA G CAGCCGGG 12452 CCCGGCUG GCCGAAAGGCGAGUGAGGUCU UGAUGGAA 3082			I			30825
· · · · · · · · · · · · · · · · · · ·	<b>}</b>	<del> </del>				30826
1593 9437 CAUCAGCA G CCGGCGC 12453 GCGCCCGG GCCGAAAGGCGAGGUCU UGCUGAUG 3082	<b></b>		<del></del>		<u> </u>	30827
	1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GCCGAAAGGCGAGUGAGGUCU UGCUGAUG	30828

1598	9432	GCAGCCGG G CGCAUCAC	12454	GUGAUGCG GCCGAAAGGCGAGUGAGGUCU CCGGCUGC	30829
1600	9430	AGCCGGGC G CAUCACUU	12455	AAGUGAUG GCCGAAAGGCGAGUGAGGUCU GCCCGGCU	30830
1619	9411	ACAACUUU G UGACGAUA	12456	UAUCGUCA GCCGAAAGGCGAGUGAGGUCU AAAGUUGU	30831
1629	9401	GACGAUAG G UGAGCUCA	12457	UGAGCUCA GCCGAAAGGCGAGUGAGGUCU CUAUCGUC	30832
1633	9397	AUAGGUGA G CUCAAUGA	12458	UCAUUGAG GCCGAAAGGCGAGUGAGGUCU UCACCUAU	30833
1644	9386	CAAUGAUG G CCCUGGCA	12459	UGCCAGGG GCCGAAAGGCGAGUGAGGUCU CAUCAUUG	30834
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGUCUUG GCCGAAAGGCGAGUGAGGUCU CAGGGCCA	30835
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACAUCGG GCCGAAAGGCGAGUGAGGUCU GUCUUGCC	30836
1663	9367	ACGCCGAU G UUCCCCAU	12462	AUGGGGAA GCCGAAAGGCGAGUGAGGUCU AUCGGCGU	30837
1675	9355	CCCAUCAA G CAGCUCAA	12463	UUGAGCUG GCCGAAAGGCGAGUGAGGUCU UUGAUGGG	30838
1678	9352	AUCAAGCA G CUCAAGCA	12464	UGCUUGAG GCCGAAAGGCGAGUGAGGUCU UGCUUGAU	30839
1684	9346	CAGCUCAA G CACCUUAG	12465	CUAAGGUG GCCGAAAGGCGAGUGAGGUCU UUGAGCUG	30840
1692	9338	GCACCUUA G CUUCAUUU	12466	AAAUGAAG GCCGAAAGGCGAGUGAGGUCU UAAGGUGC	30841
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCUGA GCCGAAAGGCGAGUGAGGUCU UUGGAAAA	30842
1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GCCGAAAGGCGAGUGAGGUCU UGACUUGG	30843
1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCAUCA GCCGAAAGGCGAGUGAGGUCU GAGAGCUG	30844
1721	9309	CUCGUGAU G CGGGUGUC	12470	GACACCCG GCCGAAAGGCGAGUGAGGUCU AUCACGAG	30845
1725	9305	UGAUGCGG G UGUCCCAG	12471	CUGGGACA GCCGAAAGGCGAGUGAGGUCU CCGCAUCA	30846
1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCUGGGA GCCGAAAGGCGAGUGAGGUCU ACCCGCAU	30847
1733	9297	GUGUCCCA G CCAGCUGU	12473	ACAGCUGG GCCGAAAGGCGAGUGAGGUCU UGGGACAC	30848
1737	9293	CCCAGCCA G CUGUGUCA	12474	UGACACAG GCCGAAAGGCGAGUGAGGUCU UGGCUGGG	30849
1740	9290	AGCCAGCU G UGUCAUCA	12475	UGAUGACA GCCGAAAGGCGAGUGAGGUCU AGCUGGCU	30850
1742	9288	CCAGCUGU G UCAUCAGC	12476	GCUGAUGA GCCGAAAGGCGAGUGAGGUCU ACAGCUGG	30851
1749	9281	UGUCAUCA G CAUAGAUC	12477	GAUCUAUG GCCGAAAGGCGAGUGAGGUCU UGAUGACA	30852
1760	9270	UAGAUCUU G CCCCCAGG	12478	CCUGGGG GCCGAAAGGCGAGUGAGGUCU AAGAUCUA	30853
1768	9262	GCCCCAG G CCGGGUGC	12479	GCACCCGG GCCGAAAGGCGAGUGAGGUCU CUGGGGGC	30854
1773	9257	CAGGCCGG G UGCCAACU	12480	AGUUGGCA GCCGAAAGGCGAGUGAGGUCU CCGGCCUG	30855
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGUUGG GCCGAAAGGCGAGUGAGGUCU ACCCGGCC	30856
1786	9244	AACUUCAC G CAGGAUGU	12482	ACAUCCUG GCCGAAAGGCGAGUGAGGUCU GUGAAGUU	30857
1793	9237	CGCAGGAU G UAACCCAG	12483	CUGGGUUA GCCGAAAGGCGAGUGAGGUCU AUCCUGCG	30858
1801	9229	GUAACCCA G UUUUUGGA	12484	UCCAAAAA GCCGAAAGGCGAGUGAGGUCU UGGGUUAC	30859
1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCUUGGG GCCGAAAGGCGAGUGAGGUCU CUCCAAAA	30860
1817	9213	AGGCCCAA G CCCUCGAC	12486	GUCGAGGG GCCGAAAGGCGAGUGAGGUCU UUGGGCCU	30861
1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GCCGAAAGGCGAGUGAGGUCU UCAGGAGG	30862
1852	9178	UCUUCCAA G CCAGUGGU	12488	ACCACUGG GCCGAAAGGCGAGUGAGGUCU UUGGAAGA	30863
1856	9174	CCAAGCCA G UGGUCUUC	12489	GAAGACCA GCCGAAAGGCGAGUGAGGUCU UGGCUUGG	30864
1859	9171	AGCCAGUG G UCUUCAUU	12490	AAUGAAGA GCCGAAAGGCGAGUGAGGUCU CACUGGCU	30865
1881	9149	AACCCAGA G CCUCGAAC	12491	GUUCGAGG GCCGAAAGGCGAGUGAGGUCU UCUGGGUU	30866
1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCUCG GCCGAAAGGCGAGUGAGGUCU UUUCUGGA	30867
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCUCGGAG GCCGAAAGGCGAGUGAGGUCU UCGCUUUC	30868
1909	9121	AGCUCCGA G CCACAUGA	12494	UCAUGUGG GCCGAAAGGCGAGUGAGGUCU UCGGAGCU	30869
1926	9104	ACCAAAUG G CUCUGCUU	12495	AAGCAGAG GCCGAAAGGCGAGUGAGGUCU CAUUUGGU	30870
1931	9099	AUGGCUCU G CUUCCCUU	12496	AAGGGAAG GCCGAAAGGCGAGUGAGGUCU AGAGCCAU	30871
1941	9089	unccenne e cennicee	12497	<u> </u>	30872
1960	9070	CUCUCCGG G UUUUUUCU	12498	AGAAAAA GCCGAAAGGCGAGUGAGGUCU CCGGAGAG	30873
1985	9045	CCCAUCAU G UUGUAAAU	12499	<del> </del>	30874
1988	9042	AUCAUGUU G UAAAUGCA	12500	UGCAUUUA GCCGAAAGGCGAGUGAGGUCU AACAUGAU	30875
1994	9036	UUGUAAAU G CAAGUGUG	12501	CACACUUG GCCGAAAGGCGAGUGAGGUCU AUUUACAA	30876
1998	9032	AAAUGCAA G UGUGACAU	12502	AUGUCACA GCCGAAAGGCGAGUGAGGUCU UUGCAUUU	30877
2000	9030	AUGCAAGU G UGACAUUC	12503		30878
2014	9016	UUCCCCCC G CAGAUGUG	12504	<del></del>	30879
2020	9010	CCGCAGAU G UGCCUCGC	12505		30880
2022	9008	GCAGAUGU G CCUCGCGC	12506	GCGCGAGG GCCGAAAGGCGAGUGAGGUCU ACAUCUGC	30881
2027	9003	UGUGCCUC G CGCUCCUC	12507	<u> </u>	30882
2029	9001	UGCCUCGC G CUCCUCAU	12508	AUGAGGAG GCCGAAAGGCGAGUGAGGUCU GCGAGGCA	30883
2070	8960	CUUCAACU G CUUCUCUG	12509	CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	30884
2079	8951	CUUCUCUG G CGCUCCUC	12510	GAGGAGCG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG	30885
2081	8949	UCUCUGGC G CUCCUCCA	12511	UGGAGGAG GCCGAAAGGCGAGUGAGGUCU GCCAGAGA	30886
2098	8932	UUGAUUCU G CUCUUCAA	12512	UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AGAAUCAA	30887
2112	8918	CAAACAUG G CACCCAAA	12513	UUUGGGUG GCCGAAAGGCGAGUGAGGUCU CAUGUUUG	30888
2121	8909	CACCCAAA G CUGCAUUG	12514	CAAUGCAG GCCGAAAGGCGAGUGAGGUCU UUUGGGUG	30889
2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAAUG GCCGAAAGGCGAGUGAGGUCU AGCUUUGG	30890

Table X

2129	8901	GCUGCAUU G CUGUUGAC	12516	GUCAACAG GCCGAAAGGCGAGUGAGGUCU AAUGCAGC	30891
2132	8898	GCAUUGCU G UUGACCUU	12517	AAGGUCAA GCCGAAAGGCGAGUGAGGUCU AGCAAUGC	30892
2162	8868	UCUCGAGA G CACAUUCU	12518	AGAAUGUG GCCGAAAGGCGAGUGAGGUCU UCUCGAGA	30893
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA	30894
2187	8843	UUUCUCUG G CCAAAAAC	12520	GUUUUUGG GCCGAAAGGCGAGUGAGGUCU CAGAGAAA	30895
2196	8834	CCAAAAAC G CCCACAAC	12521	GUUGUGGG GCCGAAAGGCGAGUGAGGUCU GUUUUUGG	30896
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GCCGAAAGGCGAGUGAGGUCU UGGUUGUG	30897
2211	8819	ACCAGUUG G UGGUCUCA	12523	UGAGACCA GCCGAAAGGCGAGUGAGGUCU CAACUGGU	30898
2214	8816	AGUUGGUG G UCUCAUUG	12524	CAAUGAGA GCCGAAAGGCGAGUGAGGUCU CACCAACU	30899
2224	8306	CUCAUUGA G CACGUACU	12525	AGUACGUG GCCGAAAGGCGAGUGAGGUCU UCAAUGAG	30900
2228	8802	UUGAGCAC G UACUUCAC	12526	GUGAAGUA GCCGAAAGGCGAGUGAGGUCU GUGCUCAA	30901
2245	8785	UCCUUCUG G CGGUUCAG	12527	CUGAACCG GCCGAAAGGCGAGUGAGGUCU CAGAAGGA	30902
2248	8782	UUCUGGCG G UUCAGGAG	12528	CUCCUGAA GCCGAAAGGCGAGUGAGGUCU CGCCAGAA	30903
2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GCCGAAAGGCGAGUGAGGUCU UCCUGAAC	30904
2262	8768	GAGCUUUC G UGUCCACC	12530	GGUGGACA GCCGAAAGGCGAGUGAGGUCU GAAAGCUC	30905
2264	8766	GCUUUCGU G UCCACCUU	12531	AAGGUGGA GCCGAAAGGCGAGUGAGGUCU ACGAAAGC	30906
2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GCCGAAAGGCGAGUGAGGUCU GAGUGUUC	30907
2290	8740	CACUCGCU G CUGCCCGA	12533	UCGGGCAG GCCGAAAGGCGAGUGAGGUCU AGCGAGUG	30908
2293	8737	UCGCUGCU G CCCGAAGG	12534	CCUUCGGG GCCGAAAGGCGAGUGAGGUCU AGCAGCGA	30909
2304	8726	CGAAGGGA G UAGUGUCA	12535	UGACACUA GCCGAAAGGCGAGUGAGGUCU UCCCUUCG	30910
2307	8723	AGGGAGUA G UGUCAGUC	12536	GACUGACA GCCGAAAGGCGAGUGAGGUCU UACUCCCU	30911
2309	8721	GGAGUAGU G UCAGUCAU	12537	AUGACUGA GCCGAAAGGCGAGUGAGGUCU ACUACUCC	30912
2313	8717	UAGUGUCA G UCAUGGCC	12538	GGCCAUGA GCCGAAAGGCGAGUGAGGUCU UGACACUA	30913
2319	8711	CAGUCAUG G CCAUGGUG	12539	CACCAUGG GCCGAAAGGCGAGUGAGGUCU CAUGACUG	30914
2325	8705	UGGCCAUG G UGGUAACA	12540	UGUUACCA GCCGAAAGGCGAGUGAGGUCU CAUGGCCA	30915
2328	8702	CCAUGGUG G UAACAUUC	12541	GAAUGUUA GCCGAAAGGCGAGUGAGGUCU CACCAUGG	30916
2337	8693	UAACAUUC G UGAUGGUG	12542	CACCAUCA GCCGAAAGGCGAGUGAGGUCU GAAUGUUA	30917
2343	8687	UCGUGAUG G UGUCCCAU	12543	AUGGGACA GCCGAAAGGCGAGUGAGGUCU CAUCACGA	30918
2345	8685	GUGAUGGU G UCCCAUGG	12544	CCAUGGGA GCCGAAAGGCGAGUGAGGUCU ACCAUCAC	30919
2353	8677	GUCCCAUG G UUUUGAGA	12545	UCUCAAAA GCCGAAAGGCGAGUGAGGUCU CAUGGGAC	30920
2365	8665	UGAGAGGA G CCUGACCA	12546	UGGUCAGG GCCGAAAGGCGAGUGAGGUCU UCCUCUCA	30921
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGUUCG GCCGAAAGGCGAGUGAGGUCU UGGUCAAU	30922
2394	8636	GCGAACUG G CGGAGCCU	12548	AGGCUCCG GCCGAAAGGCGAGUGAGGUCU CAGUUCGC	30923
2399	8631	CUGGCGGA G CCUGUGGG	12549	CCCACAGG GCCGAAAGGCGAGUGAGGUCU UCCGCCAG	30924
2403	8627	CGGAGCCU G UGGGCUUC	12550	GAAGCCCA GCCGAAAGGCGAGUGAGGUCU AGGCUCCG	30925
2407	8623	GCCUGUGG G CUUCACAU	12551	AUGUGAAG GCCGAAAGGCGAGUGAGGUCU CCACAGGC	30926
2423	8607	UCAUAACU G CCGUGAUA	12552	UAUCACGG GCCGAAAGGCGAGUGAGGUCU AGUUAUGA	30927
2426	8604	UAACUGCC G UGAUAGUU	12553	AACUAUCA GCCGAAAGGCGAGUGAGGUCU GGCAGUUA	30928
2432	8598	CCGUGAUA G UUCCAGGU	12554	ACCUGGAA GCCGAAAGGCGAGUGAGGUCU UAUCACGG	30929
2439	8591	AGUUCCAG G UUCUAUAU	12555	AUAUAGAA GCCGAAAGGCGAGUGAGGUCU CUGGAACU	30930
2450	8580	CUAUAUGG G UGGUUCUC	12556	GAGAACCA GCCGAAAGGCGAGUGAGGUCU CCAUAUAG	30931
2453	8577	UAUGGGUG G UUCUCAUC	12557	GAUGAGAA GCCGAAAGGCGAGUGAGGUCU CACCCAUA	30932
2462	8568	UUCUCAUC G UGGUGCCA	12558	UGGCACCA GCCGAAAGGCGAGUGAGGUCU GAUGAGAA	30933
2465	8565	UCAUCGUG G UGCCACGU	12559	ACGUGGCA GCCGAAAGGCGAGUGAGGUCU CACGAUGA	30934
2467	8563	AUCGUGGU G CCACGUCG	12560	CGACGUGG GCCGAAAGGCGAGUGAGGUCU ACCACGAU	30935
2472	8558	GGUGCCAC G UCGAACUG	12561	CAGUUCGA GCCGAAAGGCGAGUGAGGUCU GUGGCACC	30936
2480	8550	GUCGAACU G UACUCACG	12562	CGUGAGUA GCCGAAAGGCGAGUGAGGUCU AGUUCGAC	30937
2488	8542	GUACUCAC G CCUGAGUC	12563	GACUCAGG GCCGAAAGGCGAGUGAGGUCU GUGAGUAC	30938
2494	8536	ACGCCUGA G UCGUUCAA	12564	UUGAACGA GCCGAAAGGCGAGUGAGGUCU UCAGGCGU	30939
2497	8533	CCUGAGUC G UUCAAUCC	12565	GGAUUGAA GCCGAAAGGCGAGUGAGGUCU GACUCAGG	30940
2507	8523	UCAAUCCU G UUCUUGAU	12566	AUCAAGAA GCCGAAAGGCGAGUGAGGUCU AGGAUUGA	30941
2523	8507	UUUUACUG G UGUCUGAG	12567	CUCAGACA GCCGAAAGGCGAGUGAGGUCU CAGUAAAA	30942
2525	8505	UUACUGGU G UCUGAGUU	12568	AACUCAGA GCCGAAAGGCGAGUGAGGUCU ACCAGUAA	30943
2531	8499	GUGUCUGA G UUGAGCAG	12569	CUGCUCAA GCCGAAAGGCGAGUGAGGUCU UCAGACAC	30944
2536	8494	UGAGUUGA G CAGGGGUU	12570	AACCCCUG GCCGAAAGGCGAGUGAGGUCU UCAACUCA	30945
2542	8488	GAGCAGGG G UUUUCCCA	12571	UGGGAAAA GCCGAAAGGCGAGUGAGGUCU CCCUGCUC	30946
2553	8477	UUCCCACC G CCCUGGUU	12572	AACCAGGG GCCGAAAGGCGAGUGAGGUCU GGUGGGAA	30947
2559	8471	CCGCCCUG G UUCCACUU	12573	AAGUGGAA GCCGAAAGGCGAGUGAGGUCU CAGGGCGG	30948
2573	8457	CUUCCCAA G UUUACAUC	12574	GAUGUAAA GCCGAAAGGCGAGUGAGGUCU UUGGGAAG	30949
2588	8442	UCUUCCUC G UAUUGGGG	12575	CCCCAAUA GCCGAAAGGCGAGUGAGGUCU GAGGAAGA	30950
2596	8434	GUAUUGGG G UCCCUUCC	12576	GGAAGGGA GCCGAAAGGCGAGUGAGGUCU CCCAAUAC	30951
2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GCCGAAAGGCGAGUGAGGUCU CUGGAAGG	30952

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0630	0200	UCCUAGGA G CACCUGGC	12578	GCCAGGUG GCCGAAAGGCGAGUGAGGUCU UCCUAGGA	30953
2632	8398	AGCACCUG G CUGGUCAU	12578	AUGACCAG GCCGAAAGGCGAGUGAGGUCU CAGGUGCU	30954
2639	8391			GAAUAUGA GCCGAAAGGCGAGUGAGGUCU CAGCCAGG	30955
2643	8387	CCUGGCUG G UCAUAUUC	12580	AUGUGGUA GCCGAAAGGCGAGUGAGGUCU AUUCAGUG	
2659	8371	CACUGAAU G UACCACAU	12581		30956
2669	8361	ACCACAUU G CCUGAAGC	12582	GCUUCAGG GCCGAAAGGCGAGUGAGGUCU AAUGUGGU	30957
2676	8354	UGCCUGAA G CUCGACUC	12583	GAGUCGAG GCCGAAAGGCGAGUGAGGUCU UUCAGGCA	30958
2699	8331	UACAUCUC G UGCGUGGA	12584	UCCACGCA GCCGAAAGGCGAGUGAGGUCU GAGAUGUA	30959
2701	8329	CAUCUCGU G CGUGGAAU	12585	AUUCCACG GCCGAAAGGCGAGUGAGGUCU ACGAGAUG	30960
2703	8327	UCUCGUGC G UGGAAUUC	12586	GAAUUCCA GCCGAAAGGCGAGUGAGGUCU GCACGAGA	30961
2713	8317	GGAAUUCC G UGAGAGUG	12587	CACUCUCA GCCGAAAGGCGAGUGAGGUCU GGAAUUCC	30962
2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GCCGAAAGGCGAGUGAGGUCU UCUCACGG	30963
2723	8307	GAGAGUGG G UUUCUGAC	12589	GUCAGAAA GCCGAAAGGCGAGUGAGGUCU CCACUCUC	30964
2734	8296	UCUGACCA G UCCCCCCC	12590	GGGGGGA GCCGAAAGGCGAGUGAGGUCU UGGUCAGA	30965
2750	8280	CCAUACCG G CGUUGGAG	12591	CUCCAACG GCCGAAAGGCGAGUGAGGUCU CGGUAUGG	30966
2752	8278	AUACCGGC G UUGGAGCA	12592	UGCUCCAA GCCGAAAGGCGAGUGAGGUCU GCCGGUAU	30967
2758	8272	GCGUUGGA G CAGCUCCA	12593	UGGAGCUG GCCGAAAGGCGAGUGAGGUCU UCCAACGC	30968
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGAUGGAG GCCGAAAGGCGAGUGAGGUCU UGCUCCAA	30969
2785	8245	GACUUUCG G CAUGUAGG	12595	CCUACAUG GCCGAAAGGCGAGUGAGGUCU CGAAAGUC	30970
2789	8241	UUCGGCAU G UAGGGGCA	12596	UGCCCCUA GCCGAAAGGCGAGUGAGGUCU AUGCCGAA	30971
2795	8235	AUGUAGGG G CAGAGCAC	12597	GUGCUCUG GCCGAAAGGCGAGUGAGGUCU CCCUACAU	30972
2800	8230	GGGGCAGA G CACCUUCA	12598	UGAAGGUG GCCGAAAGGCGAGUGAGGUCU UCUGCCCC	30973
2810	8220	ACCUUCAC G CAAAAUUC	12599	GAAUUUUG GCCGAAAGGCGAGUGAGGUCU GUGAAGGU	30974
2824	8206	nnccenne e ceenceen	12600	ACCGAGGG GCCGAAAGGCGAGUGAGGUCU CAAGGGAA	30975
2831	8199	GGCCCUCG G UGCAGCCA	12601	UGGCUGCA GCCGAAAGGCGAGUGAGGUCU CGAGGGCC	30976
2833	8197	CCCUCGGU G CAGCCAGU	12602	ACUGGCUG GCCGAAAGGCGAGUGAGGUCU ACCGAGGG	30977
2836	8194	UCGGUGCA G CCAGUCCU	12603	AGGACUGG GCCGAAAGGCGAGUGAGGUCU UGCACCGA	30978
2840	8190	UGCAGCCA G UCCUCAAC	12604	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU UGGCUGCA	30979
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCAUAGGA GCCGAAAGGCGAGUGAGGUCU GALUCGGG	30980
2875	8155	CGUCCUAU G CUCUUCAA	12606	UUGAAGAG GCCGAAAGGCGAGUGAGGUCU AUAGGACG	30981
2889	8141	CAACCUCA G CACUUGAC	12607	GUCAAGUG GCCGAAAGGCGAGUGAGGUCU UGAGGUUG	30982
2912	8118	UCUCCGAU G UCACAAAG	12608	CUUUGUGA GCCGAAAGGCGAGUGAGGUCU AUCGGAGA	30983
2925	8105	AAAGGAGG G UGUCACAA	12609	UUGUGACA GCCGAAAGGCGAGUGAGGUCU CCUCCUUU	30984
2927	8103	AGGAGGGU G UCACAACA	12610	UGUUGUGA GCCGAAAGGCGAGUGAGGUCU ACCCUCCU	30985
2944	8086	CUCAGAAG G UCUGUAGA	12611	UCUACAGA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	30986
2948	8082	GAAGGUCU G UAGAACAC	12612	GUGUUCUA GCCGAAAGGCGAGUGAGGUCU AGACCUUC	30987
2976	8054	UCUUCAUG G UGACAAUG	12613	CAUUGUCA GCCGAAAGGCGAGUGAGGUCU CAUGAAGA	30988
2984	8046	GUGACAAU G UUCCAUCC	12614	GGAUGGAA GCCGAAAGGCGAGUGAGGUCU AUUGUCAC	30989
3001	8029	AUAACUUU G CACUAGUU	12615	AACUAGUG GCCGAAAGGCGAGUGAGGUCU AAAGUUAU	30990
3007	8023	UUGCACUA G UUGGGGCU	12616	AGCCCCAA GCCGAAAGGCGAGUGAGGUCU UAGUGCAA	30991
3013	8017	UAGUUGGG G CUCUUCAU	12617	AUGAAGAG GCCGAAAGGCGAGUGAGGUCU CCCAACUA	30992
3022	8008	CUCUUCAU G UCCGGGAC	12618	GUCCCGGA GCCGAAAGGCGAGUGAGGUCU AUGAAGAG	30993
3032	7998	CCGGGACC G CCCUUUGU	12619	ACAAAGGG GCCGAAAGGCGAGUGAGGUCU GGUCCCGG	30994
3039	7991	CGCCCUUU G UGUACCCU	12620	AGGGUACA GCCGAAAGGCGAGUGAGGUCU AAAGGGCG	30995
3041	7989	CCCUUUGU G UACCCUCU	12621	AGAGGGUA GCCGAAAGGCGAGUGAGGUCU ACAAAGGG	30996
3072	7958	UUUUUUGG G UUGCCAUA	12622	<del></del>	30997
3075	7955	UUUGGGUU G CCAUAUAG	12623		30998
3083	7947	GCCAUAUA G UAACACCA	12624		30999
3095	7935	CACCAACC G CCUCUUCC	12625	<u> </u>	31000
3113	7917	CAUCCAAG G UCAAUCAC	12626	GUGAUUGA GCCGAAAGGCGAGUGAGGUCU CUUGGAUG	31001
3133	7897	UCCGACCG G UUCGAGAA	12627	<del> </del>	31002
3148	7882	AAACCUCC G UUCGACCA	12628		31003
3157	7873	UUCGACCA G CCAUCUCA	12629	<del></del>	31004
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31005
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GCCGAAAGGCGAGUGAGGUCU AAAACUGA	31006
3174	7856	GUUUUGCU G UGCCCCUA	12632	UAGGGGCA GCCGAAAGGCGAGUGAGGUCU AGCAAAAC	31007
3176	7854	UUUGCUGU G CCCCUAGA	12633	UCUAGGG GCCGAAAGGCGAGUGAGGUCU ACAGCAAA	31008
3193	7837	GACUGGAU G CCCUCCAG	12634	CUGGAGGG GCCGAAAGGCGAGUGAGGUCU AUCCAGUC	31009
3201	7829	GCCCUCCA G UGACAUUG	12635	CAAUGUCA GCCGAAAGGCGAGUGAGGUCU UGGAGGGC	31010
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GCCGAAAGGCGAGUGAGGUCU AAUGUCAC	31011
3222	7808	CUUUCCUG G CGUGUUUU	12637	AAAACACG GCCGAAAGGCGAGUGAGGUCU CAGGAAAG	31012
3224	7806	UUCCUGGC G UGUUUUGC	12638	GCAAAACA GCCGAAAGGCGAGUGAGGUCU GCCAGGAA	31013
3226	7804	ccuecca a nnnnecca	12639	CGGCAAAA GCCGAAAGGCGAGUGAGGUCU ACGCCAGG	31014
				· · · · · · · · · · · · · · · · · · ·	

Table X

12214   7799						
1929  7791   GCCGCURG G CROLLICAN   12642   GUCGAUPO GCCGANAGGCCARURAGGCU UELGOSIC   31013   3266   7764   GCCUCUUU G CROUNCEU   12643   AGRUNCOS GCCGANAGGCCARURAGGCUC LAUCAGGC   31013   3266   7764   GCCUCUUU G CROUNCEU   12644   AGRUNCOS GCCGANAGGCCARURAGGCUC JAAAAGAG   31020   3269   7761   GUUUUGGG G UACCURGU   12644   AGRUNCOS GCCGANAGGCCARURAGGCUC JAAAAGAG   31020   3276   7754   GUUUCGG G UACCURGU   12646   AGRUNCOS GCCGANAGGCCARURAGGCUC JAAGAGAG   31020   3276   7754   GUUACGU G UACCURGU   12646   AGRUNCOS GCCGANAGGCCARURAGGCUC JAAGAGAG   31020   3299   7731   GUUCGUU G UACCURGU   12646   AGRUNCOS GCCGANAGGCCARURAGGCUC JAAGAGAG   31022   3299   7732   GUUCGUU G UACCURGU   12649   AGRANGAG GCCGANAGGCCARURAGGCUC JAAGAGAG   31022   3299   7733   GUUCGUU G UACCURGU   12649   AGRANGAG GCCGANAGGCCARURAGGCUC JAAGAGAG   31022   3291   7732   GUUCGUU G UUCACGAG   GUUCCUU   12649   AGRANGAG GCCGANAGGCCARURAGGCUC JAAGAGAG   31024	3231	7799	CGUGUUUU G CCGCUGAG	12640	CUCAGCGG GCCGAAAGGCGAGUGAGGUCU AAAACACG	31015
1256	3234	7796	GUUUUGCC G CUGAGCGA	12641		31016
1266	3239	7791	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GCCGAAAGGCGAGUGAGGUCU UCAGCGGC	31017
1265   7761	3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUCAUCG	31013
19216	3266	7764	GCCUCUUU G CGGUACCU	12644	AGGUACCG GCCGAAAGGCGAGUGAGGUCU AAAGAGGC	31019
1295	3269	7761	UCUUUGCG G UACCUAGU	12645	ACUAGGUA GCCGAAAGGCGAGUGAGGUCU CGCAAAGA	31020
1299   7731   GUCANCIO G UUGAGUCU   12648   AGACUAA GCCSANAGGCAGUGAGUCU CAGAUGAC   31023   31034   7756   CUCCCANG G UCCCUCUU   12651   AARGANGA GCCSANAGGCAGUGAGUCU CUUGAGA   31025   31037   7658   CUCCCANG G UCCCUCUU   12651   AARGANGA GCCGSANAGGCAGUGAGUCU CUUGAGA   31025   31037   7658   CUCCCANG G UCCCUCUU   12651   AARGANGA GCCGSANAGGCAGUGAGUCU CUUGAGA   31027   31037   7658   CUCCANGU G CUCCCAUU   12651   AARGANGA GCCGSANAGGCAGUGAGUCU CUUGAGA   31027   31037   7658   CUCCANGU G CUCCA	3276	7754	GGUACCUA G UGAACUCU	12646	AGAGUUCA GCCGAAAGGCGAGUGAGGUCU UAGGUACC	31021
1310   7726	3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGAUGA GCCGAAAGGCGAGUGAGGUCU AAAAGAAG	31022
13320   7760	3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACUCAA GCCGAAAGGCGAGUGAGGUCU CAGAUGAC	31023
13320   7760	3304	7726	CUGGUUGA G UCUUUCUU	12649	AAGAAAGA GCCGAAAGGCGAGUGAGGUCU UCAACCAG	31024
13322   7698	3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GCCGAAAGGCGAGUGAGGUCU CUUGGGAG	
13312   7696						
3342   7688	<u> </u>			<del> </del>		
1356  7672						
1354   7566				<del> </del>		
13375				<del></del>		
3387   7645   CUULAUGA G UGUCCAUG   12657   CAUGGAC GCCGARAGGCGAGUGAGGUCU UCAURAAG   31.032   3387   7643   UUAUGAGU G UUCAUGUU   12658   AACAUGA GCCGARAGGCGAGUGAGGUCU AUGGACAC   31.033   3393   7637   GUGUCCAU G UUAUGAGU   12659   AUCAURA GCCGARAGGCGAGUGAGGUCU AUGGACAC   31.034   3424   7606   ACCCCCAC G CAUGAUGU   12669   ACCCCUAG GCCGARAGGCGAGUGAGGUCU AUGGACAC   31.034   3431   7599   GGAGGAGU   GUGCAGAG   12661   CUCUGCCA GCCGARAGGCGAGUUGAGGUCU AUCAUCAG   31.035   3431   7599   AUGAUGU G CAGAGUCC   12662   CUCUGCCA GCCGARAGGCGAGUUGAGGUCU AUCAUCAU   31.037   3439   7591   GUGCGAGA   12661   CUCUGCCA GCCGARAGGCGAGUGAGGUCU AUCAUCAU   31.037   3439   7591   GUGCGAGA G UCCCAUGAG   12662   CAUCAUCG GCCGARAGGCGAGUCAGGUCU ACAUCAU   31.037   3450   7591   GUGCGAGA G UCCCAUCAU   12664   AACARCUG GCCGARAGGCGAGUGAGGUCU AUCAUCAU   31.037   3450   7591   GUGCGAGA G UUGUUGCCA   12665   CAUCAUCAG GCCGARAGGCGAGUGAGGUCU AUCAGCCA   31.039   3450   7571   GUGCGAUG G CAUCAUCAU   12667   CUCGACA GCCGARAGGCGAGUGAGGUCU AUCAGCCA   31.041   3455   7572   GUGUUGUC G UUCCCAA   12667   UUGGACAC GCCGARAGGCGAGUGAGGUCU ARCAGCUG   31.041   3456   7572   GUUGUUGC G UUCCCAA   12667   UUGGACA GCCGARAGGCGAGUGAGGUCU ARCAGCUG   31.041   3459   7572   GUUGUUGC G UUCCCAA   12667   UUGGACA GCCGARAGGCGAGUGAGGUCU ARCACUG   31.041   3470   7560   CARACAGA G CUUCCAAC   12667   GAAGGAG GCCGARAGGCGAGUGAGGUCU ARCACUG   31.042   3470   7560   CARACAGA G CUUCCAAC   12667   GAAGGAG GCCGARAGGCGAGUGAGGUCU ARCACUG   31.043   3490   7540   CUCCCAAA G GUCCACAC   12671   GAGGGAG GCCGARAGGCGAGUGAGGUCU ARCACUG   31.043   3490   7540   CUCCCAAA G GUCCACAC   12671   GAGGGAG GCCGARAGGCGAGUGAGGUCU ARCACUG   31.045   3491   7580   CUCCCAAA G GUCCACAC   12671   GAGGGAG GCCGARAGGCGAGUGAGGUCU ARCACUG   31.045   3591   7529   UCACCGCU G GCGCGGAC   12671   GAGGGAG GCCGARAGGCGAGUGAGGUCU UUUGGGG   31.046   3492   7538   CCCARAG G UCACACCC   12672   GAGGCGAG GCCGARAGGCGAGUGAGGUCU UUUGGGG   31.046   3591   7529   UCACCGCU G GCGCGGAC   12671   GAGGGAG GCCGARAGGCGAGUGAGGUCU GCACA			<del></del>	<del></del>		<b></b>
3393   7643			<del></del>			
3393   7637   GUIGUCCALI G UNLIGGANI   12659   AUCCANAR GCCGARAGGCGAGUGAGGUCI AUGARCAC   31034   7606   ACCCCCAC G CAUGAUGI   12660   ACAUCAUG GCCGARAGGCGAGUGAGGUCI GUGGGGGU   31035   3434   7596   ACCCCCAC G CAUGAUGI G UCGGARAGGCGAGUGAGGUCI GUGGGGGU   31036   3434   7596   AUGAUGUG G CAGAGGCGAGUGAGGUCI AUCAUGCG   31036   3434   7596   AUGAUGUG G CAGAGGGCGAGUGAGGGUCI CACAUCAU   31037   3439   7591   GUGGGAGA G UCGCACAGGGCGAGUGAGGGGAGUGAGGUCI CACAUCAU   31037   3439   7591   GUGCGAGA G UCGCACAGGGCGAGUGAGGGGAGUGAGGUCI CACAUCAU   31038   3449   7593   GUCCGAUG G CAGAGAGGGAGGGAGGGAGGGAGUCI CUTGCCAC   31038   3447   7593   GUCCGAUG G CAGAGGCGAGGGGAGGGAGGGAGUCI CACAUCAU   31038   3450   7590   CAGAGGCA G UUGUGCCA   4666   CACACACGG GCCGARAGGCGAGUGAGGUCI CACACGC   31041   3456   7574   CAGUUGUC   CGUUCCA   12666   GAACGCAA GCCGARAGGCGAGUGAGGUCI CACACGC   31041   3456   7577   GUUGUUCC   CGUUCCAAC   12667   UUGGAACA GCCGARAGGCGAGUGAGGUCI CACACGC   31041   3470   7560   CAAACAGA G CUUGCCC   12668   GUUUGGAGA GCCGARAGGCGAGUGAGGUCI CACACGC   31043   3470   7550   CAAACAGA G CUUGCUCC   12668   GUUUGGAG GCCGARAGGCGAGUGAGGUCI CACACAC   31043   3474   7556   CAAGACGA G CUUGCCC   12668   GUUUGGAG GCCGARAGGCGAGUGAGGUCI CACACAC   31043   3474   7556   CAAGACGA G CUUCACCG   12677   CAAUGAGA G CCGARAGGCGAGUGAGGUCI UCUUGUUUG   31045   3474   7556   CAAGACGA G CUUCACCG   12677   CAAUGAGA G CCGARAGGCGAGUGAGGCGAUGAGGUCI CACACAC   31043   3474   7556   CAAGACG G UCCACACC   12677   CAAUGAGG GCCGARAGGCGAGUGAGGUCI UCUGUUUGG   31045   3492   7538   CCCARAGC G UCCACACC   12673   GCCGGAG GCCGARAGGCGAGUGAGGUCI UCUGUUUGG   31046   3492   7532   CCCCARAC G CUUCACCG   12673   GCCGGAG GCCGARAGGCGAGUGAGGUCI UCUGGGG   31048   3498   7532   CCCCARAC G CUUCACCG   12673   GCCGGAG GCCGARAGGCGAGUGAGGUCI UCUGGGG   31048   3504   7529   UCACCGGC G CUGCGGAC   12673   GCCGGAG GCCGARAGGCGAGUGAGGUCI UCUGGGG   31051   3504   7529   UCACCGGC G UCACCGCA   12678   GCCGGAG GCCGARAGGCGAGUGAGGUCI GCAGCGG   31053   3504   3504   3504   3504   3504   3504   3504   3			<u> </u>			
3421   7606   ACCICCAC G CAUGAUGU   12661   ACAUCAUG GCCGAAAGGCCGAGUGAGGUCU GUGGGGGU   31035   3431   7599   CGCAUGAU G UGGCAGAG   12661   CUCUGCCA GCCGAAAGGCCAGUGAGGUCU GACAUCCU   31037   3439   7591   GUGGCAGA G UCCGAUGA   12662   GGACUCUU GCCGAAAGGCCAGUGAGGUCU CACAUCCU   31037   3439   7593   GUGCGAA G UCCGAUGA   12663   CCAUCGGA GCCGAAAGGCCAGUGAGGUCU CACAUCCU   31038   3447   7598   GUGCGAGA G UCCGAUGA   12664   ACAACUG GCCGAAAGGCCAGUGAGGUCU UCUGCCAC   31038   3447   7598   GUGCGAUG C AUGUGUC   12665   GGACACA GCCGAAAGGCCAGUGAGGUCU CACAUCCU   31040   3450   7580   CCAUCGGU G UUGCUCCA   12665   GAACCACA GCCGAAAGGCCAGUGAGGUCU GAUCGCAC   31041   3450   7577   UGGCAGUU G UUGCCAC   12665   GAACCACA GCCGAAAGGCCAGUGAGGUCU ACCACCU   31041   3456   7577   CAGUUGUU G CGUUCCAA   12667   UUGGAACG GCCGAAAGGCCAGUGAGGUCU ACCACCU   31041   3456   7572   GUGUUCC G UUCCAAAC   12666   GUUUGGAA GCCGAAAAGCCAGUGAGGUCU ACCACCU   31043   3450   7560   CAAACAGA G UUGCUCC   12666   GUUUGGAA GCCGAAAAGGCCAGUGAGGUCU ACCACCU   31043   3470   7560   CAAACAGA G CUUCCAAC   12667   GAAUGGAG GCCGAAAGGCCAGUGAGGUCU ACCACCU   31043   3470   7560   CAAACAGA G CUUCCAAC   12667   GAAUGGAG GCCGAAAGGCCAGUGAGGUCU ACCACCU   31043   3470   7560   CAAACGAG G UUCCACCU   12673   GAAUGGAG GCCGAAAGGCCAGUGAGGUCU ACCACCU   31043   3470   7560   CAACCAC G UUCCACCU   12673   GAAUGGAG GCCGAAAGGCCAGUGAGGUCU ACCUCCU   31045   3490   7538   CCCAAAGG G UUCCACCC   12673   GAUGGGG GCCGAAAGGCCAGUGAGGUGU AGGUCU   31045   3490   7530   CCCAAAGG G UUCCACCU   12673   GACCGGG GCCGAAAGGCCAGUGAGGGUCU ACCACCU   31045   3490   7532   GCGUCAC G UUCCCCC   12673   GCCGGAGG GCCGAAAGGCCAGUGAGGGUCU AGGGCG   31048   3504   7529   UUCACCCG U CUCCCC   12673   GCCGGAGG GCCGAAAGGCCAGUGAGGGUCU AGGGCG   31048   3504   7529   UUCACCCG U CUCCCC   12673   GCCGGAGG GCCGAAAGGCCAGUGAGGUCU AGGCGG   31051   3504   7529   UUCACCCG U CUCCCC   12674   CACCGGC GCCGAAAGGCCAGUGAGGUCU AGGCGG   31051   3504   7529   UUCACCCG U GUACCC   12676   GACCGCG GCCGAAAGGCCAGUGAGGUCU AGGCGG   31051   3504   7496	<b></b>				<del> </del>	
3431   7599						
3434   7596				-		
3439   7591						
3447         7593         GUCCQAUG G CAGUUGUU 12664         AACARCUG GCCGAAAGGCGAUGAGGUC CAUCGGAC         31039           3450         7580         CGAUGGCA G UUGUUGGG 12665         GOCAACAA GCCGAAAGGCGAUGAGGUCU UGCCAUCGCA 31041           3453         7577         DIGCAGUU G UUGCGAA 12666         GAGACGAA GCCGAAAGGCGAUGAGGUCU AACAACUCCA 31041           3456         7572         CUGUUGC G UUCCAAAC 12665         GUUUGGAAGGGAGUGAGGUCU AACAACU 31043           3458         7572         GUUGUUGC G UUCCAAAC 12665         GAGACAGA GCCGAAAGGCAGUGAGGUCAGUCAGGUCAGCACAC 31043           3470         7560         CAAACAGA G CUUCCUUC 12665         GAGACAG GCCGAAAGGCAGUGAGGUCAGUUCAGGUCU UCUGUUGG 31045           3474         7556         CAAACAGA G CUUCCAAC 12667         GAGAGGUU G CUCCAAA G CUUCAACU 31671         COGGACAG GCCGAAAGGCAGUGAGGUCAAGUCAAGUU AACUCUUG 31045           3490         7540         CUCCCAAA G CUUCCAA G CUUCACGU 12671         COGGACG GCCGAAAGGCGAGUGAGGUU AACUCUUG 31045           3492         7532         CCCCAAAGC G UCCCGUU 12673         GCCGCAAAGGCGAGUGAGGUU ACGGUU CUUUGGG 31047           3501         7532         CCCCACGCG G CCGCGUU 12673         GCCGCAAAGGCGAGUGAGGUU CGGGUGA 31043           3504         7526         CCCCUGCG G CCGUGAUC 12676         GAUCACGG G CCGAAAGGCGAGUGAGGUU CGGCCGAA           3527         7580         AAAUUCCG G CUUCUCCU 12677         12677 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
3450   7580   CGAUGGCA G UUGUUGCC   12665   CGCAACAA GCCGAAAGGCAGUQAQGUCU UGCCAUCG   31040   3453   7577   UGGCAGUU G UUGCGAUCCA   12666   GAACGCAA GCCGAAAGGCGAGUGAGGUCU ACUGCCA   31041   3456   7574   CAGUUGUU G CGUUCCAA   12667   UUGGAACG GCCGAAAGGCGAGUGAGGUCU ACUGCCA   31043   3458   7572   GUUGUUGCA G UUCCAACC   12665   GUUUGGAACG GCCGAAAGGCGAGUGAGGUCU ACUGCCA   31043   3470   7556   CAACAGCU G UUCCAACC   12665   GAACGCAG GCCGAAAGGCGAGUGAGGUCU GCAACAC   31043   3474   7556   CACACGUU G CUCCAUCC   12665   GAACGCAG GCCGAAAGGCGAGUGAGGUCU CUCGUUCO   31044   3474   7556   CACACGCU G CUCCAUCC   12676   GAACGCAG GCCGAAAGGCGAGUGAGGUCU UCUGUUCO   31045   3474   7556   CACACGCU G CUCCAUCC   12677   GACGGGAAGGCGAGUGAGGUCU UCUGUUGO   31045   3492   7538   CCCAAAGC G UCACCGC I 12671   CAGGGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGGA   31046   3492   7538   CCCAAAGC G UCACCGCU   12673   GCCGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31046   3492   7532   GCOUCACC G CUGCAGCC   12673   GCCGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31048   3501   7529   UCACCGCU G CGGGAUC   12673   GCCGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31048   3504   7526   CCGCUGCG G CCGGAUCC   12673   GCCGCAG GCCGAAAGGCGAGUGAGGUCU GCGACGG   31051   3507   7523   CUGCGGCC G CCGGAUC   12675   GAUCACGG GCCGAAAGGCGAGUGAGGUCU GCAACGG   31051   3529   7501   GCCUCUC G UACUGUCU   12675   GAUCACGG GCCGAAAGGCGAGUGAGGUCU GCAACGG   31051   3529   7501   GCCUCUC G UACUGUCU   12677   ACCAGACGA GCCGAAAGGCGAGUGAGGUCU GCGAACGG   31051   3529   7501   GCCUCUC G UACUGUCU   12677   ACCAGACGA GCCGAAAGGCGAGUGAGGUCU CGAACAGC   31051   3524   7469   CUCCUAC   UACUGUCU   12677   ACCAGACGA GCCGAAAGGCGAGUGAGGUCU CGAACAGC   31051   31054   31						31038
3453   7577				12664		31039
3456   7574				12665	CGCAACAA GCCGAAAGGCGAGUGAGGUCU UGCCAUCG	31040
3458   7572   GUUGUUGC G UUCCAAAC   12668   GUUUGGAA GCCGAAAGGCGAGUGAGGUCU GCACCAC   31041   3470   7560   CAAACAGA G CUUGCUCC   12669   GGAGCAG GCCGAAAGGCGAGUGAGGUCU UCUGUUUG   31044   3474   7556   CAGAGCUU G CUCCAUUC   12670   CAAUGGAG GCCGAAAGGCGAGUGAGGUCU AGGUCUUG   31045   3490   7540   CUCCCAAA G CUUCACCG   12671   CGGUGACG GCCGAAAGGCGAGUGAGGUCU AGGUCUUG   31045   3492   7538   CCCCAAAGC G UCACCGCU   12672   AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31047   3498   7532   GCGUCACC G CUGCGCCC   12673   AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31048   3501   7529   UCACCGCU G CGGCGUG   12673   GGCCGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31048   3501   7529   UCACCGCU G CGGCGUU   12674   CACGGCCG GCCGAAAGGCCGAGUGAGGUCU GCGGGGG   31050   3507   7523   CUGCGGC G CGGGAGU   12674   CACGGCCG GCCGAAAGGCCGAGUGAGGUCU GCCGCCGA   31050   3507   7523   CUGCGGC G CUGUACAC   12676   GAUCACG G CCCGAAAGGCCGAGUGAGGUCU GCCCGCAG   31051   3522   7508   AAAUUUCCG G CUUCUCGU   12677   ACCAGGAG GCCGAAAGGCCGAGUGAGGUCU GCCCGCAG   31051   3522   7508   AAAUUCCG G CUUCUCGU   12678   ACCAGGU GCCGCAAGGCCGAGUGAGGUCU GCCAGCCGA   31051   3534   7496   CUCGUACU G UACUGACA   12678   AGCAGGAG GCCGAAAGGCCGAGUGAGGUCU GCAAGUU   31053   3534   7496   CUCGUACU G UACUGACA   12679   UGUGAAGA GCCGAAAGGCCGAGUGAGGUCU GCAAGCC   31053   3548   7482   ACAGACGG G UUCACAC   12680   GUAGUGAA   12679   UGUGAAGA GCCGAAAGGCCGAGUGAGGUCU AGUACAG   31054				1266€		31041
3470 7560 CAAACAGA G CUUGCUCC 12659 GAGCAAG GCCGAAAGGCGAGUGAGGUCU UCUGUUUG 31044 3474 7556 CAGAGCUU G CUCCAUUC 12670 GAAUGAG GCCGAAAGGCGAGUGAGGUCU AAGCUCUG 31045 7540 CUCCCAAA G GUUCACCG 12671 CAGUGAGG GCCGAAAGGCGAGUGAGGUCU UUUGGGG 31045 75490 7540 CUCCCAAAGC G UCACCGCU 12672 AGCGGUGA GCCGAAAGGCGAGUGAGGUCU UUUGGGG 31047 75490 7558 CCCAAAGC G UCACCGCU 12672 AGCGGUGA GCCGAAAGGCGAGUGAGGUCU UUUGGGG 31047 75490 7529 UCACCGCU G CGGCCGAG 12671 GGCGCAAAGGCGAGUGAGGUCU GCUUGGG 31048 75501 7529 UCACCGGCU G CGGCCGAG 12673 GGCGCAAAGGCGAGUGAGGUCU GCGGGGA 31049 7526 CCGCUGG G CCGUGACG 12675 GAUCACGG GCCGAAAGGCGAGUGAGGUCU GCGGGGA 31049 7527 7528 CUGCGGCC G UGACCAAA 12675 GAUCACGG GCCGAAAGGCGAGUGAGGUCU GCGGGGA 31051 7529 T508 AAAUUCCG G CUUCUCGU 12677 AGGACAAA GCCGAAAGGCGAGUGAGGUCU GCGACGG 31051 7529 T508 AAAUUCCG G CUUCACCA 12678 GAUCACGA GCCGAAAGGCGAGUGAGGUCU GCGACGCA 31051 7534 7496 CUCGUACU G UCACUACA 12679 UUUGAAAA GCCGAAAGGCGAGUGAGGUCU GCGACGU 31051 7534 7496 CUCGUACU G UCACUAC 12680 GUAGAGGA GCCGAAAGGCGAGUGAGGUCU GCAGACGC 31053 7548 7489 ACAGAGG G UUCACUAC 12680 GUAGAGGA GCCGAAAGGCGAGUGAGGUCU GCGUCUGU 31055 7540 7450 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU GCGUCUGU 31055 7551 7459 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31054 7556 7456 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31055 7561 7459 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31055 7564 7456 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31055 7564 7456 CUACUACU G CAGCUAGA 12681 UCUAGAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31055 7564 7456 CUACUGCA G CUAGAGAC 12682 GUCCUAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG 31055 7564 7456 CUACUGAG G CUAGAGAC 12681 AGUACGAGA GCCGAAAGGCGAGUGAGGUCU AGAAGAA 31057 7583 7447 CAAGAGG G CUAGAGAC 12682 GUCCUAGAG GCGAAAGGCGAGUGAGGUCU AGAACGAG 31058 7564 7456 CUACUGAG G CUAGAGAC 12682 GUCACAGA AGGCCAAAGGCGAGUGAGGUCU AGAACAA 31057 7583 7447 CAAGAGG G CUAGAGAC 12683 AGACCGAAAGGCGAGUGAGGUCU AGAACAA 31056 7565 7540 UUGCUCC G CAUCGUCC 12688 AGGC	3456		CAGUUGUU G CGUUCCAA	12667	UUGGAACG GCCGAAAGGCGAGUGAGGUCU AACAACUG	31042
3474   7556	3458		GUUGUUGC G UUCCAAAC	12666	GUUUGGAA GCCGAAAGGCGAGUGAGGUCU GCAACAAC	31043
3490   7540   CUCCCAAA G CGUCACCG   12671   CGGUGACG GCCGAAAGGCGAGUGAGGUCU UUUGGGA   31046   3492   7538   CCCAAAGC G UCACCGCU   12672   AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31047   3498   7532   GCGUCACC G CUGCGGCC   12673   GGCCGCAG GCCGAAAGGCGAGUGAGGUCU GCUUUGGG   31048   3501   7529   UCACCGGCU G CGGCCGUG   12674   CACGGCGG GCCGAAAGGCGAGUGAGGUCU GGCGCGA   31049   3504   7526   CCGCUGCG G CCGGAUCA   12675   GAUCACGG GCCGAAAGGCGAGUGAGGUCU GCCGCAG   31050   31047   31047   31047   31047   31047   31047   31047   31047   31047   31047   31047   31047   31049	3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GCCGAAAGGCGAGUGAGGUCU UCUGUUUG	31044
3492   7538	3474	7556	CAGAGCUU G CUCCAUUC	12670	GAAUGGAG GCCGAAAGGCGAGUQAGGUCU AAGCUCUG	31045
3498   7532	3490	7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GCCGAAAGGCGAGUGAGGUCU UUUGGGAG	31046
3501   7529	3492	7538	CCCAAAGC G UCACCGCU	12672	AGCGGUGA GCCGAAAGGCGAGUGAGGUCU GCUUUGGG	31047
3504   7526	3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GCCGAAAGGCGAGUGAGGUCU GGUGACGC	31048
3507   7523	3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GCCGAAAGGCGAGUGAGGUCU AGCGGUGA	31049
3522   7508	3504	7526	CCGCUGCG G CCGUGAUC	12675	GAUCACGG GCCGAAAGGCGAGUGAGGUCU CGCAGCGG	31050
3529   7501   GGCUUCUC G UACUGUCU   12678   AGACAGUA GCCGAAAGGCGAGUGAGGUCU GAGAAGCC   31053   3534   7496   CUCGUACU G UCUUCACA   12679   UGUGAAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG   31054   3488   7482   ACAGACGG G UUCACUAC   12680   GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU   31055   3561   7469   CUACUACU G CAGCUAGA   12681   UCUAGCUG GCCGAAAGGCGAGUGAGGUCU CCGUCUGU   31055   3564   7456   CUACUACU G CAGCUAGA   12681   UCUAGCUG GCCGAAAGGCGAGUGAGGUCU UGAGUAG   31057   3583   7447   CAAGAUCA G CAUGAUCU   12683   AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAGUAG   31057   3592   7438   CAUGAUCU G UCCAACUU   12684   AAGUUGGA GCCGAAAGGCGAGUGAGGUCU UGAUCAUG   31059   3607   7423   UUUCUUCU G CAUGAUGG   12685   CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAGAAA   31069   3616   7414   CAUGAUGG G UGUGUGGC   12686   GCACCACA GCCGAAAGGCGAGUGAGGUCU CAUCAUG   31061   3618   7412   UUAUGUGG G UGUGUGCC   12686   GCACCACA GCCGAAAGGCGAGUGAGGUCU CAUCAUG   31062   3621   7409   UGAGGGU G UGGUGCC   12687   GCGCACCA GCCGAAAGGCGAGUGAGGUCU CACACCCA   31063   3623   7407   GGUGUGG G UGCGUCUAA   12689   UUAGAGCG GCCGAAAGGCGAGUGAGGUCU CACACCCA   31063   3623   7407   GGUGUGG G CCUCUAAU   12689   UUAGAGCG GCCGAAAGGCGAGUGAGGUCU CACACCCA   31064   3625   7405   UGUGGGCG G CUCUAAUU   12690   AAUUACAG GCCGAAAGGCGAGUGAGGUCU CACACCCA   31065   3645   7385   UCUGGGAC G UCCGUAAU   12690   AAUUACAG GCCGAAAGGCGAGUGAGGUCU GCCCACAC   31065   3648   7389   UCUGGGAC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31065   3648   7385   GGACGUCC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31066   3645   7385   GGACGUCC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31066   3648   7385   GGACGUCC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31066   3648   7385   GGACGUCC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31067   3648   7385   GGACGUCC G UCCGUACC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCACA   31067   3648   7385   GGACGUCC G UCCGCCC   12694   GUGGACG GCCGAAAGGCGAGUGAGGUCU GUCCC	3507	7523	CUGCGGCC G UGAUCAAA	12676	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GGCCGCAG	31051
3534         7496         CUCGUACU G UCUUCACA         12679         UGUGAGAG GCCGAAAGGCGAGUGAGGUCU AGUACGAG         31054           3548         7482         ACAGACGG G UUCACUAC         12680         GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU         31055           3561         7469         CUACUACU G CAGCUAGA         12681         UCUAGCUG GCCGAAAGGCGAGUGAGGUCU AGUAGUAG         31056           3564         7456         CUACUGCA G CUAGAGAC         12682         GUCUCUAG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG         31057           3583         7447         CAAGAUCA G CAUGAUCU         12683         AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG         31058           3592         7438         CAUGAUCU G UCCAACUU         12684         AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG         31059           3607         7423         UUUCUUCU G CAUGAUGG         12685         CCAUCAUG         GCCGAAAGGCGAGUGAGGUCU AGAGAAAA         31060           3616         7414         CAUGAUGG G UGUGGCC         12686         GCACCACA GCCGAAAGGCGAGUGAGGUCU ACCCAUCA         31061           3621         7409         UGGGUGUG G UGCCUULA         12688         AGAGCCCA GCCGAAAGGCGAGUGAGGUCU ACCACCCA         31063           3622         7405         UGUGGGC G UCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31064	3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GCCGAAAGGCGAGUGAGGUCU CGGAAUUU	31052
3548   7482   ACAGACGG G UUCACUAC   12680   GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU   31055   3561   7469   CUACUACU G CAGCUAGA   12681   UCUAGCUG GCCGAAAGGCGAGUGAGGUCU AGUAGUAG   31056   3564   7456   CUACUGCA G CUAGAGAC   12682   GUCUCUAG GCCGAAAGGCGAGUGAGGUCU UGCAGUAG   31057   3583   7447   CAAGAUCA G CAUGAUCU   12683   AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGCAGUAG   31058   3592   7438   CAUGAUCU G UCCAACUU   12684   AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG   31058   3607   7423   UUUCUUCU G CAUGAUGG   12685   CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAUCAUG   31060   3615   7414   CAUGAUGG G UGUGUGG   12686   GCACCACA GCCGAAAGGCGAGUGAGGUCU CAUCAUG   31061   3618   7412   UGAUGGGG G UGUGUGGC   12687   GCGCACCA GCCGAAAGGCGAGUGAGGUCU CAUCAUG   31062   3621   7409   UGGGUGUG G UGGUGCGC   12687   GCGCACCA GCCGAAAGGCGAGUGAGGUCU CACCCCA   31063   3623   7437   GGUGUGG G CGCUCUAAU   12688   AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACCACCC   31064   3625   7405   UGUGGUG G CUCUAAUU   12689   UUAGAGCG GCCGAAAGGCGAGUGAGGUCU CACCACCC   31064   3641   7389   UCUGGGAC G UCCUAUU   12690   AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA   31066   3645   7385   GGACGUC G UCGUGGC   12691   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GCACCACA   31066   3648   7382   CGUCCGUG G CCACCACC   12694   GCCACGGA GCCGAAAGGCGAGUGAGGUCU GCACCACA   31066   3648   7382   CGUCCGUG G CCACCACC   12694   GUGGGCG GCCGAAAGGCGAGUGAGGUCU GCACCACC   31067   3648   7382   CGUCCGUG G CCACCACC   12694   GUGGGUGG GCCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7382   CGUCCGUG G CCACCAC   12694   GUGGGUGG GCCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7382   CGUCCGUG G CCACCAC   12694   GUGGGUGG GCCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7382   CGUCCGUG G CCACCAC   12694   GUGGGUGG GCCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7382   CGUCCGCG G CCGCACA GCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7383   GCCGCGACG GCGAAAGGCGAGGGAGGUCU GCACCAC   31067   3648   7382   CGUCCGCG G CCGCGCG G CCGCGAGGGGGGCC GCGAAAGGCGAGUGAGGUCU GCACCAC   31067   3648   7382   CGUCCGCG G CCGCGCGC G CCGCGGG GCGGAA	3529	7501	GGCUUCUC G UACUGUCU	12678	AGACAGUA GCCGAAAGGCGAGUGAGGUCU GAGAAGCC	31053
3561   7469	3534	7496	CUCGUACU G UCUUCACA	12679	UGUGAAGA GCCGAAAGGCGAGUGAGGUCU AGUACGAG	31054
3564   7456	3548	7482	ACAGACGG G UUCACUAC	12680	GUAGUGAA GCCGAAAGGCGAGUGAGGUCU CCGUCUGU	31055
3564   7456	3561	7469	CUACUACU G CAGCUAGA	12681	UCUAGCUG GCCGAAAGGCGAGUGAGGUCU AGUAGUAG	31056
3583         7447         CAAGAUCA G CAUGAUCU         12683         AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG         31058           3592         7438         CAUGAUCU G UCCAACUU         12684         AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG         31059           3607         7423         UUUCUUCU G CAUGAUGG         12685         CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAAGAA         31060           3616         7414         CAUGAUGG G UGUGGUCC         12686         GCACCACA GCCGAAAGGCGAGUGAGGUCU CCAUCAUG         31061           3618         7412         UGAUGGGU G UGGUGCC         12687         GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCACCCA         31062           3621         7409         UGGGUGUG G UCCGUCUA         12688         AGAGCGCA GCCGAAAGGCGAGUGAGGUCU ACCACCCA         31063           3623         7407         GGUGUGGU G CCCUUAAU         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31064           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGGA         GCCGAAAGGCGAGUGAGGUCU GCACCA         31067           3648         7392         CGUCCGUG G CCACCAUG         12692         CGUGGCCA         GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCAC         12694         GUGGAUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068<	3564	7456	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GCCGAAAGGCGAGUGAGGUCU UGCAGUAG	31057
3592         7438         CAUGAUCU G UCCAACUU         12684         AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG         31059           3607         7423         UUUCUUCU G CAUGAUGG         12685         CCAUCAUG GCCGAAAGGCGAGUGAGGUCU AGAAGAAA         31060           3616         7414         CAUGAUGG G UGUGGUGC         12686         GCACCACA GCCGAAAGGCGAGUGAGGUCU CCAUCAUG         31061           3618         7412         UGAUGGGU G UGGUGCC         12687         GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCACCCA         31062           3621         7409         UGGGUGUG G UGCGCUCUAA         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU ACCACACC         31063           3623         7407         GGUGUGGC G CUCUAAUU         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31064           3625         7405         UGUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GCCCACA         31065           3641         7389         UCUGGGAC G UCGGCACG         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GCCCAGA         31066           3648         7385         GGACGUCC G UGGCCACG         12692         CGUGGCCAG GCCGAAAGGCGAGUGAGGUCU GCCGAGAGGGAGGAGGAGGAGGAGGAGGAGGAGGAGGAGG	3583	7447	CAAGAUCA G CAUGAUCU	12683	AGAUCAUG GCCGAAAGGCGAGUGAGGUCU UGAUCUUG	
3607         7423         UUUCUUCU G CAUGAUGG         12685         CCAUCAUG GCCGAAAGGCAGUGAGGUCU AGAAGAAA         31060           3616         7414         CAUGAUGG G UGUGGUGC         12686         GCACCACA GCCGAAAGGCGAGUGAGGUCU CCAUCAUG         31061           3618         7412         UGAUGGGU G UGGUGCG         12687         GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCCAUCA         31062           3621         7409         UGGGUGUG G UGCGCUCU         12688         AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCC         31063           3623         7407         GGUGUGGU G CGCUCUAA         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU GCCCACA         31064           3625         7405         UGUGGGC G CUCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCCCACA         31065           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3648         7385         GGACGUCC G UGGCCACG         12692         CGUGGGAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG	3592	7438	CAUGAUCU G UCCAACUU	12684	AAGUUGGA GCCGAAAGGCGAGUGAGGUCU AGAUCAUG	
3616         7414         CAUGAUGG G UGUGGUGC         12686         GCACCACA GCCGAAAGGCGAGUGAGGUCU CCAUCAUG         31061           3618         7412         UGAUGGGU G UGGUGGC         12687         GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCCAUCA         31062           3621         7409         UGGUGGU G UGCGCUCU         12688         AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCCA         31063           3623         7407         GGUGUGGU G CGCUCUAA         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU ACCACACC         31064           3625         7405         UGUGGGC G CUCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31065           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGAG GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7385         GGACGUCC G UGGCCACG         12692         CGUGGGCA GCCGAAAGGCGAGUGAGGUCU GACGUCC         31068           3656         7374         GCCACGAU G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGG         31069           3669         7351         CCACUACA G CGUUCUC         12694         GUGAUGG GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGC         12695         AUGAAGAG GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31072           3	3607	7423	UUUCUUCU G CAUGADGG			
3618         7412         UGAUGGGU G UGGUGGC         12687         GCGCACCA GCCGAAAGGCGAGUGAGGUCU ACCCAUCA         31062           3621         7409         UGGGUGU G UGCGCUCU         12688         AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCCA         31063           3623         7407         GGUGUGGU G CGCUCUAA         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU ACCACACC         31064           3625         7405         UGUGGUGC G CUCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31065           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7385         GGACGUCC G UGGCCACG         12692         CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GCACGACG         31067           3648         7382         CGUCCGUG G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCCAC         12694         GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGG         31069           3669         7351         CCACUACA G CGUUCUC         12695         GAAGAACG GCGAAAGGCGAGGUCAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGU         12696         AUGAAGAA GCCGAAAGGCGAGUGAGGUCU CAGAAUCA         31072 <t< td=""><td>1</td><td></td><td>CAUGAUGG G UGUGGUGC</td><td></td><td></td><td></td></t<>	1		CAUGAUGG G UGUGGUGC			
3621         7409         UGGGUGU G UGCGCUCU         12688         AGAGCGCA GCCGAAAGGCGAGUGAGGUCU CACACCCA         31063           3623         7407         GGUGUGGU G CGCUCUAA         12689         UUAGAGCG GCCGAAAGGCGAGUGAGGUCU ACCACACC         31064           3625         7405         UGUGGGC G CUCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31065           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7385         GGACGUCC G UGGCCACG         12692         CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC         31067           3648         7382         CGUCCGUG G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCCAC         12694         GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGG         31069           3669         7351         CCACUACA G CGUUCUUC         12695         GAAGAACG GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGUC         12696         AUGAAGAA GCCGAAAGGCGAGUGAGGUCU CAGAAUCA         31072           3690         7340         UUCCGGCC G CUGUCCCC         12698         GCGGACAG GCCGAAAGGCGAGUGAGGUCU CAGCGGA         31074 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
3623         7407         GGUGUGGU G CGCUCUAA         12689         UUAGAGCG GCGAAAGGCGAGUGAGGUCU ACCACACC         31064           3625         7405         UGUGGUGC G CUCUAAUU         12690         AAUUAGAG GCCGAAAGGCGAGUGAGGUCU GCACCACA         31065           3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7385         GGACGUCC G UGGCCACG         12692         CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GCACGUCC         31067           3648         7382         CGUCCGUG G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCCAC         12694         GUGGUGUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC         31069           3669         7351         CCACUACA G CGUUCUUC         12695         GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUG         31070           3671         7359         ACUACAGC G UUCUUCAU         12696         AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGUC         12697         GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA         31072           3690         7340         UUCCGGCC G CUGUCCGC         12698         GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA         31073	<del></del>					
3625         7495         UGUGGUGC G CUCUAAUU         12690         AAUUAGAG GCGAAAGGCGAGUGAGGUCU GCACCACA         31065           3641         7399         UCUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7395         GGACGUCC G UGGCCACG         12692         CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC         31067           3648         7392         CGUCCGUG G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCCAC         12694         GUGGUGGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC         31069           3669         7351         CCACUACA G CGUUCUUC         12695         GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUG         31070           3671         7359         ACUACAGC G UUCUUCAU         12696         AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGUC         12697         GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA         31072           3690         7340         UUCCGGCC G CUGUCCGC         12698         GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA         31073           3693         7337         CGGCCGCU G UCCGCCGC         12699         GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGCCG         31074						
3641         7389         UCUGGGAC G UCCGUGGC         12691         GCCACGGA GCCGAAAGGCGAGUGAGGUCU GUCCCAGA         31066           3645         7385         GGACGUCC G UGGCCACG         12692         CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC         31067           3648         7382         CGUCCGUG G CCACGAUG         12693         CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG         31068           3656         7374         GCCACGAU G CCAUCCAC         12694         GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC         31069           3669         7351         CCACUACA G CGUUCUUC         12695         GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUG         31070           3671         7359         ACUACAGC G UUCUUCAU         12696         AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU         31071           3687         7343         UGAUUCCG G CCGCUGUC         12697         GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA         31072           3690         7340         UUCCGGCC G CUGUCCGC         12698         GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA         31073           3693         7337         CGGCCGCU G UCCGCGC         12699         GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGCCG         31074           3697         7333         CGCUGUCC G CCGCUGGG         12700         CCCAGCGG GCCGAAAGGCCAGGUGAGGUCU GGACAGCG         31075						
3645 7385 GGACGUCC G UGGCCACG 12692 CGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGACGUCC 31067 3648 7382 CGUCCGUG G CCACGAUG 12693 CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG 31068 3656 7374 GCCACGAU G CCAUCCAC 12694 GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC 31069 3669 7351 CCACUACA G CGUUCUUC 12695 GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUGG 31070 3671 7359 ACUACAGC G UUCUUCAU 12696 AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU 31071 3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCCAGCGG GCCGAAAGGCGAGUGAGGUCU AGCGCCG 31074						
3648 7392 CGUCCGUG G CCACGAUG 12693 CAUCGUGG GCCGAAAGGCGAGUGAGGUCU CACGGACG 31068 3656 7374 GCCACGAU G CCAUCCAC 12694 GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC 31069 3669 7351 CCACUACA G CGUUCUUC 12695 GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUGG 31070 3671 7359 ACUACAGC G UUCUUCAU 12696 AUGAAGAA GCCGAAAGGCGAGUGAGGUCU UGUAGUG 31071 3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075			<del></del>			
3656 7374 GCCACGAU G CCAUCCAC 12694 GUGGAUGG GCCGAAAGGCGAGUGAGGUCU AUCGUGGC 31069 3669 7351 CCACUACA G CGUUCUUC 12695 GAAGAACG GCCGAAAGGCGAGUGAGGUCU UGUAGUGG 31070 3671 7359 ACUACAGC G UUCUUCAU 12696 AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU 31071 3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075						
3669 7351 CCACUACA G CGUUCUUC 12695 GAAGAACG GCCGAAAGGCGAGUGAGGGUCU UGUAGUGG 31070 3671 7359 ACUACAGC G UUCUUCAU 12696 AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU 31071 3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CCCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GCACAGCG 31075						
3671 7359 ACUACAGC G UUCUUCAU 12696 AUGAAGAA GCCGAAAGGCGAGUGAGGUCU GCUGUAGU 31071 3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075	<del></del>					
3687 7343 UGAUUCCG G CCGCUGUC 12697 GACAGCGG GCCGAAAGGCGAGUGAGGUCU CGGAAUCA 31072 3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU CGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075						
3690 7340 UUCCGGCC G CUGUCCGC 12698 GCGGACAG GCCGAAAGGCGAGUGAGGUCU GGCCGGAA 31073 3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075						
3693 7337 CGGCCGCU G UCCGCCGC 12699 GCGGCGGA GCCGAAAGGCGAGUGAGGUCU AGCGGCCG 31074 3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGGUCU GGACAGCG 31075						
3697 7333 CGCUGUCC G CCGCUGGG 12700 CCCAGCGG GCCGAAAGGCGAGUGAGUUCU GGACAGCG 31075						
3200 7330 75700000 0 75700000						
31076 GCCCAG GCCGAAAGGCGAGUGAGGCCA GCCGAAAGGCGAGUGAGGCCA GCCGACA 31076	<del></del>					
	13,00	7330	1000CCGCC G C0000C00	12/01	CAGUCCAG GCCGAAAGGCGAGUGAGGUCU GGCGGACA	31076

Table X

		<del></del>			
3705	7325	GCCGCUGG G CUGAGCGC	12702	GCGCUCAG GCCGAAAGGCGAGUGAGGUCU CCAGCGGC	31077
3710	7320	UGGGCUGA G CGCAUUGC	12703	GCAAUGCG GCCGAAAGGCGAGUGAGGUCU UCAGCCCA	31078
3712	7318	GGCUGAGC G CAUUGCCU	12704	AGGCAAUG GCCGAAAGGCGAGUGAGGUCU GCUCAGCC	31079
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCUGAGG GCCGAAAGGCGAGUGAGGUCU AAUGCGCU	31080
		UUGCCUCA G CUUGCCAA		UUGGCAAG GCCGAAAGGCGAGUGAGGUCU UGAGGCAA	
3723	7307		12706		31081
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGUUGG GCCGAAAGGCGAGUGAGGUCU AAGCUGAG	31082
3743	7287	GGAACCAU G UAGGCAUA	12708	UAUGCCUA GCCGAAAGGCGAGUGAGGUCU AUGGUUCC	31083
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACUAUG GCCGAAAGGCGAGUGAGGUCU CUACAUGG	31084
3752	7278	UAGGCAUA G UGGCAAAA	12710	UUUUGCCA GCCGAAAGGCGAGUGAGGUCU UAUGCCUA	31085
3755	7275	GCAUAGUG G CAAAAAAG	12711	CUUUUUUG GCCGAAAGGCGAGUGAGGUCU CACUAUGC	31086
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3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GCCGAAAGGCGAGUGAGGUCU UCCUUUUU	31087
3768	7262	AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GCCGAAAGGCGAGUGAGGUCU ACUCCUUU	31088
3771	7259	GGAGUGUU G CCGCUGUU	12714	AACAGCGG GCCGAAAGGCGAGUGAGGUCU AACACUCC	31089
3774	7256	GUGUUGCC G CUGUUACC	12715	GGUAACAG GCCGAAAGGCGAGUGAGGUCU GGCAACAC	31090
3777	7253	UUGCCGCU G UUACCGUA	12716	UACGGUAA GCCGAAAGGCGAGUGAGGUCU AGCGGCAA	31091
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3783	7247	CUGUUACC G UAACGGUG	12717	CACCGUUA GCCGAAAGGCGAGUGAGGUCU GGUAACAG	31092
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCUCA GCCGAAAGGCGAGUGAGGUCU CGUUACGG	31093
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGUCA GCCGAAAGGCGAGUGAGGUCU CCUCACCG	31094
3802	7228	GGUGACUU G UCCCCAGC	12720	GCUGGGGA GCCGAAAGGCGAGUGAGGUCU AAGUCACC	31095
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGAUG GCCGAAAGGCGAGUGAGGUCU UGGGGACA	31096
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCUAGCAG GCCGAAAGGCGAGUGAGGUCU CGGAUGCU	
<del></del>	<del></del>	<del></del>	<del></del>		31097
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCUGCUAG GCCGAAAGGCGAGUGAGGUCU AGCCGGAU	31098
3823	7207	GGCUGCUA G CAGGAGAG	12724	CUCUCCUG GCCGAAAGGCGAGUGAGGUCU UAGCAGCC	31099
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGC	31100
3860	7170	AAGGGGAA G CCUCGCGC	12726	GCGCGAGG GCCGAAAGGCGAGUGAGGUCU UUCCCCUU	31101
3865	7165	GAAGCCUC G CGCGAGUG	12727	CACUCGCG GCCGAAAGGCGAGUGAGGUCU GAGGCUUC	31102
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACUCG GCCGAAAGGCGAGUGAGGUCU GCGAGGCU	
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3871	7159	UCGCGCGA G UGUGAAUA	12729	UAUUCACA GCCGAAAGGCGAGUGAGGUCU UCGCGCGA	31104
3873	7157	GCGCGAGU G UGAAUAGU	12730	ACUAUUCA GCCGAAAGGCGAGUGAGGUCU ACUCGCGC	31105
3880	7150	UGUGAAUA G UGCACUUG	12731	CAAGUGCA GCCGAAAGGCGAGUGAGGUCU UAUUCACA	31106
3882	7148	UGAAUAGU G CACUUGCC	12732	GGCAAGUG GCCGAAAGGCGAGUGAGGUCU ACUAUUCA	31107
3888	7142	GUGCACUU G CCUGAACG	12733	CGUUCAGG GCCGAAAGGCGAGUGAGGUCU AAGUGCAC	31108
3896	7134	GCCUGAAC G UUUAUUGA	12734	UCAAUAAA GCCGAAAGGCGAGUGAGGUCU GUUCAGGC	31109
3906	7124	UUAUUGAG G UCAAUGAG	12735	CUCAUUGA GCCGAAAGGCGAGUGAGGUCU CUCAAUAA	
	<b></b> _	<del></del>			31110
3915	7115	UCAAUGAG G UGUUGAUG	12736	CAUCAACA GCCGAAAGGCGAGUGAGGUCU CUCAUUGA	31111
3917	7113	AAUGAGGU G UUGAUGUA	12737	UACAUCAA GCCGAAAGGCGAGUGAGGUCU ACCUCAUU	31112
3923	7107	GUGUUGAU G UAAUCUGA	12738	UCAGAUUA GCCGAAAGGCGAGUGAGGUCU AUCAACAC	31113
3933	7097	AAUCUGAC G UGAUCAAA	12739	UUUGAUCA GCCGAAAGGCGAGUGAGGUCU GUCAGAUU	31114
3943	7087	GAUCAAAU G CUUUAGCA	12740	UGCUAAAG GCCGAAAGGCGAGUGAGGUCU AUUUGAUC	31115
3949	7081	AUGCUUUA G CAGUGGAG	12741	CUCCACUG GCCGAAAGGCGAGUGAGGUCU UAAAGCAU	31116
3952	7078	CUUUAGCA G UGGAGUGA	12742	<del></del>	
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3957	7073	GCAGUGGA G UGAGGACC	12743	GGUCCUCA GCCGAAAGGCGAGUGAGGUCU UCCACUGC	31118
3966	7064	UGAGGACC G CUGUUGUC	12744	GACAACAG GCCGAAAGGCGAGUGAGGUCU GGUCCUCA	31119
3969	7061	GGACCGCU G UUGUCACA	12745	UGUGACAA GCCGAAAGGCGAGUGAGGUCU AGCGGUCC	31120
3972	7058	CCGCUGUU G UCACAGCG	12746	CGCUGUGA GCCGAAAGGCGAGUGAGGUCU AACAGCGG	31121
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GCCGAAAGGCGAGUGAGGUCU UGUGACAA	31122
3980	7050	GUCACAGC G UACAGUGA	<del></del>	<del></del>	
	<del></del>		12748	UCACUGUA GCCGAAAGGCGAGUGAGGUCU GCUGUGAC	31123
3985	7045	AGCGUACA G UGACCAGG	12749	CCUGGUCA GCCGAAAGGCGAGUGAGGUCU UGUACGCU	31124
3993	7037	GUGACCAG G CUGUUGCC	12750	GGCAACAG GCCGAAAGGCGAGUGAGGUCU CUGGUCAC	31125
3996	7034	ACCAGGCU G UUGCCGGC	12751	GCCGGCAA GCCGAAAGGCGAGUGAGGUCU AGCCUGGU	31126
3999	7031	AGGCUGUU G CCGGCCUC	12752	GAGGCCGG GCCGAAAGGCGAGUGAGGUCU AACAGCCU	31127
4003	7027	UGUUGCCG G CCUCAAGU	12753	ACUUGAGG GCCGAAAGGCGAGUGAGGUCU CGGCAACA	31128
4010	7020	GGCCUCAA G UCCAAAAG			
			12754	CUUUUGGA GCCGAAAGGCGAGUGAGGUCU UUGAGGCC	31129
4031	6999	UCUCCCAU G CUGAAAUU	12755	AAUUUCAG GCCGAAAGGCGAGUGAGGUCU AUGGGAGA	31130
4060	6970	AAUUCUUU G CCCAAACA	12756	UGUUUGGG GCCGAAAGGCGAGUGAGGUCU AAAGAAUU	31131
4073	6957	AACAAACU G CUUAUGUC	12757	GACAUAAG GCCGAAAGGCGAGUGAGGUCU AGUUUGUU	31132
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGUGA GCCGAAAGGCGAGUGAGGUCU AUAAGCAG	31133
4089	6941	CACUCUUG G UCUUAUCU	12759	AGAUAAGA GCCGAAAGGCGAGUGAGGUCU CAAGAGUG	31134
4099	6931	CUUAUCUA G CCAACCCA	12760		
				UGGGUUGG GCCGAAAGGCGAGUGAGGUCU UAGAUAAG	31135
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GCCGAAAGGCGAGUGAGGUCU GAGAUGGG	31136
4116	6914	UCUCGUUG G CUGCCACU	12762	AGUGGCAG GCCGAAAGGCGAGUGAGGUCU CAACGAGA	31137
4119	6911	CGUUGGCU G CCACUGCG	12763	CGCAGUGG GCCGAAAGGCGAGUGAGGUCU AGCCAACG	31138

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		######################################	110764	Transpoor Coochangoong Policeong	22220
4125	6905	CUGCCACU G CGCUCACA	12764	UGUGAGCG GCCGAAAGGCGAGUGAGGUCU AGUGGCAG	31139
4127	6903	GCCACUGC G CUCACAAG	12765	CUUGUGAG GCCGAAAGGCGAGUGAGGUCU GCAGUGGC	31140
4137	6893	UCACAAGG G UCAUGACA	12766	UGUCAUGA GCCGAAAGGCGAGUGAGGUCU CCUUGUGA	31141
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCUAG GCCGAAAGGCGAGUGAGGUCU CGUGUUCC	31142
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GCCGAAAGGCGAGUGAGGUCU UAGCCGUG	31143
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GCCGAAAGGCGAGUGAGGUCU CAGCUAGC	31144
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GCCGAAAGGCGAGUGAGGUCU AACCAGCU	31145
4176	6854	GGUUGUCU G UCUGCGAA	12771	UUCGCAGA GCCGAAAGGCGAGUGAGGUCU AGACAACC	31146
4180	6850	GUCUGUCU G CGAACGUU	12772	AACGUUCG GCCGAAAGGCGAGUGAGGUCU AGACAGAC	31147
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GCCGAAAGGCGAGUGAGGUCU GUUCGCAG	31148
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GCCGAAAGGCGAGUGAGGUCU AACGUUCG	31149
4198	6832	CUUCUCUG G CUCAGGAA	12775	UUCCUGAG GCCGAAAGGCGAGUGAGGUCU CAGAGAAG	31150
4210	6820	AGGAAUUA G CACAAUCA	12776	UGAUUGUG GCCGAAAGGCGAGUGAGGUCU UAAUUCCU	31151
4234	6796	AAGGGAGA G CAGCAACA	12777	UGUUGCUG GCCGAAAGGCGAGUGAGGUCU UCUCCCUU	31152
4237	6793	GGAGAGCA G CAACAUUC	12778	GAAUGUUG GCCGAAAGGCGAGUGAGGUCU UGCUCUCC	31153
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGAUCG GCCGAAAGGCGAGUGAGGUCU CGGAAUGU	31154
4257	6773	CGAUCUUC G UUCCUGGA	12780	UCCAGGAA GCCGAAAGGCGAGUGAGGUCU GAAGAUCG	31155
4272	6758	GAACUUCA G CCAUCCAA	12781	UUGGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGUUC	31156
4290	6740	AGAAAAAG G UCGCGACU	12782	AGUCGCGA GCCGAAAGGCGAGUGAGGUCU CUUUUUCU	31157
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGUCG GCCGAAAGGCGAGUGAGGUCU GACCUUUU	31158
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GCCGAAAGGCGAGUGAGGUCU UGUCUUGG	31159
4310	6720	AAGACAGC G CCUCCCAA	12785	UUGGGAGG GCCGAAAGGCGAGUGAGGUCU GCUGUCUU	31160
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GCCGAAAGGCGAGUGAGGUCU AUUGGAAA	31161
4342	6688	GCCCUUCC G CUGCAUGA	12787	UCAUGCAG GCCGAAAGGCGAGUGAGGUCU GGAAGGGC	31162
4345	6685	CUUCCGCU G CAUGAGGA	12788	UCCUCAUG GCCGAAAGGCGAGUGAGGUCU AGCGGAAG	31163
4371	6659	CUCCCAUG G UCAUCACA	12789	UGUGAUGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31164
4389	6641	UCAAUAAG G CAAUCAAG	12790	CUUGAUUG GCCGAAAGGCGAGUGAGGUCU CUUAUUGA	31165
4398	6632	CAAUCAAG G CAAUUGUC	12791	GACAAUUG GCCGAAAGGCGAGUGAGGUCU CUUGAUUG	31166
4404	6626	AGGCAAUU G UCUGAAGA	12792	UCUUCAGA GCCGAAAGGCGAGUGAGGUCU AAUUGCCU	31167
4413	6617	UCUGAAGA G CAUCUGGC	12793	GCCAGAUG GCCGAAAGGCGAGUGAGGUCU UCUUCAGA	31168
4420	6610	AGCAUCUG G CAGUUCCU	12794	AGGAACUG GCCGAAAGGCGAGUGAGGUCU CAGAUGCU	31169
4423	6607	AUCUGGCA G UUCCUCCA	12795	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU UGCCAGAU	31170
4434	6596	CCUCCAGG G CCAUUCUG	12796	CAGAAUGG GCCGAAAGGCGAGUGAGGUCU CCUGGAGG	31171
4442	6588	GCCAUUCU G UGAGCUCU UUCUGUGA G CUCUUCCU	12797	AGAGCUCA GCCGAAAGGCGAGUGAGGUCU AGAAUGGC	31172
4446	6584 6566	CUUUCUCU G CAGUGGCC	12799	AGGAAGAG GCCGAAAGGCGAGUGAGGUCU UCACAGAA	31173
4467	6563	UCUCUGCA G UGGCCACA	12800	GGCCACUG GCCGAAAGGCGAGUGAGGUCU AGAGAAAG UGUGGCCA GCCGAAAGGCGAGUGAGGUCU UGCAGAGA	31174
4470	6560	CUGCAGUG G CCACAACG	12801	CGUUGUGG GCCGAAAGGCGAGUGAGGUCU CACUGCAG	31175
4478	6552	GCCACAAC G UACAUGGU	12802	ACCAUGUA GCCGAAAGGCGAGUGAGGUCU GUUGUGGC	31176
4485	6545	CGUACAUG G UGUCAAGU	12802	ACUUGACA GCCGAAAGGCGAGUGAGGUCU CAUGUACG	31177
4487	6543	UACAUGGU G UCAAGUGC	12804	GCACUUGA GCCGAAAGGCGAGUGAGGUCU ACCAUGUA	31178
4492	6538	GGUGUCAA G UGCUUCCC	12804	GGGAAGCA GCCGAAAGGCGAGUGAGGUCU UUGACACC	31179
4494	6536	UGUCAAGU G CUUCCCAU	12806	AUGGGAAG GCCGAAAGGCGAGUGAGGUCU ACUUGACA	31180
4503	6527	CUUCCCAU G UCUUCCCC	12806	GGGGAAGA GCCGAAAGGCGAGUGAGGUCU ACUUGACA GGGGAAGA GCCGAAAGGCGAGUGAGGUCU AUGGGAAG	31181
4517	6513	CCCAUGAA G UGCUCAGG	12808	CCUGAGCA GCCGAAAGGCGAGUGAGGUCU UUCAUGGG	<del>   </del>
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4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGAUG GCCGAAAGGCGAGUGAGGUCU CUGAGCAC	31184
4549	6481	CUCAAUGA G CCCUAUCU	12811	AGAUAGGG GCCGAAAGGCGAGUGAGGUCU UCAUUGAG	31185
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GCCGAAAGGCGAGUGAGGUCU GUUCUCAG	31187
4575	6455	UUCCCGAG G CGAAGUCC	12812		31188
4580	6450	GAGGCGAA G UCCUUGAA	12814		31188
4590	6440	CCUUGAAC G CCUUUAGU	12815	ACUAAAGG GCCGAAAGGCGAGUGAGGUCU GUUCAAGG	31190
4597	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UAAAGGCG	31190
4599	6431	CCUUJAGU G CCUGGUGA	12817	UCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUAAAGG	31191
4604	6426	AGUGCCUG G UGAUCCGA	12818	UCGGAUCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31192
4613	6417	UGAUCCGA G UACACCCU	12819	AGGUGUA GCCGAAAGGCGAGUGAGGUCU UCGGAUCA	31193
4623	6407	ACACCCUG G CGUCAAUC	12820	GAUUGACG GCCGAAAGGCGAGUGAGGUCU CAGGGUGU	<del></del>
4625	6405	ACCUGGC G UCAAUCCA	12821	UGGAUUGA GCCGAAAGGCGAGUGAGGUCU GCCAGGGU	31195
4634	6396	UCAAUCCA G CGCGGCCU	12822	AGGCCGCG GCCGAAAGGCGAGUGAGGUCU UGGAUUGA	31196
4636	6394	AAUCCAGC G CGGCCUCA	12823	UGAGGCCG GCCGAAAGGCGAGUGAGGUCU UGGAUUGA UGAGGCCG GCCGAAAGGCGAGUGAGGUCU GCUGGAUU	31197
4639	6391	CCAGCGCG G CCUCAGAA	12824	UUCUGAGG GCCGAAAGGCGAGUGAGGUCU CGCGCUGG	31198
4663	6367	UUCACCAA G CUUCGUGA	12825		31199
لتتت			14043	UCACGAAG GCCGAAAGGCGAGUGAGGUCU UUGGUGAA	31200

Table X

4665   3342			CARCONICA CARRANTON CONT	12026	AGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAAGCUUG	31201
1982   ACCURCING   UNIQUE   UNIQUE   12999   GARANCHA GCGANANGCCARURAGUCU ANCHACCA   11294   11295   UNIQUE   ACCURATE   UNIQUE   12991   GARANCHA GCGANANGCCARURAGUCU ANCHACCA   11294   11295   UNIQUE   ACCURATE   12991   UNIQUE   12991   GARANCHA GCGANANGCCARURAGUCU ANCHACCA   11294   11295   UNIQUE   12991   GARANCHA GCGANANGCCARURAGUCU ANCHACUN   11296   1129						
15359						
1766   1762   1766   1762   1766	4688					
1796   6324	4691	6339				
1727   1727	4704	6326		12830		
1737   6903	4706	6324	AAAAUUGU G UUUGUCCU	12831		
1729   1729	4710	6320	UUGUGUUU G UCCUAGGA	12832	UCCUAGGA GCCGAAAGGCGAGUGAGGUCU AAACACAA	31207
1745   6286	4727	6303	CCAUCAAA G CACCACCU	12833	AGGUGGUG GCCGAAAGGCGAGUGAGGUCU UUUGAUGG	31208
1742   6288			CACCUCCG G UCGUGGUA	12834	UACCACGA GCCGAAAGGCGAGUGAGGUCU CGGAGGUG	31209
1755   6285				12835	UCAUACCA GCCGAAAGGCGAGUGAGGUCU GACCGGAG	31210
1756   6277					GUGUCAUA GCCGAAAGGCGAGUGAGGUCU CACGACCG	31211
4764 6285 CUCCARCC G CUCCARCC						
1876   6256						
4776   6258   GCARCCUU G UNAGCCAG   12840   CUGGCUIA GCCGARAGGCAGUGAGGUCU ARGGUUGC   31215   4776   6254   CCUUGUA G CCGARCCA   12841   UUIGGCUIG GCCGARAGGCAGUGAGGUCU UURCARGG   31216   4786   6255   GUARGCCA G CCARACUG   12842   CAGUTUGG GCCGARAGGCAGUGAGGUCU GAGCUGA   31217   4789   6241   CCARACUG G CAGACUG   12842   CAGUTUGG GCCGARAGGCAGUGAGGUCU GAGUUGCG   31217   4789   6241   CCARACUG G CAGACUG   12844   CAGUTUGG GCCGARAGGCAGUGAGGUCU AGUUCAG   31218   4800   6230   GAUCUGCA G UCCUCRAC   12845   GUUGAGGA GCCGARAGGCAGUGAGGUCU GAGUUGG   31218   4810   6220   CCUCARCA G UUCCAGAA   21845   GUUGAGGA GCCGARAGGCAGUGAGGUCU GAGUUGG   31221   4820   6210   UCCAGAR G UUCUCAGA   12845   GUUGAGGA GCCGARAGGCAGUGAGGUCU UGCAGAU   31224   4843   6187   UCCUCUGA G CCGGARAGUU   12847   AGAAAAA GCCGARAGGCAGUGAGGUCU UGCAGAU   31224   4843   6187   UCCUCUGA G CCGGARAGUU   12848   AAUACCGG GCCGARAGGCAGUGAGGUCU UUCCAGA   31224   4843   6187   UCCUCUGA G CUCCAGGUU   12849   GAGGAAUA GCCGARAGGCAGUGAGGUCU UCCAGAGG   31224   4843   6187   CAUCCAG G CUCCAGU   12849   GAGGAAUA GCCGARAGGCAGUGAGGUCU UCCAGAGG   31224   4849   6181   CUUGUGA G CUCCAGA   12850   GAGUAGAG GCCGARAGGCCAGUGAGGUCU CAGAGGG   31224   4849   6181   CUUGUGA G CUCCAGA   12850   GAGUAGAG GCCGARAGGCCAGUGAGGUCU CAGACGG   31224   4849   6181   CUUGUGA G CUCCAGA   12850   GAGUAGAG GCCGARAGGCCAGUGAGGUCU CAGACGG   31224   4849   6181   CUUGUGA G CUCCAGA   12851   ACCGAGA GCCGARAGGCCAGUGAGGUCU CAGACGG   31224   4859   6181   ACCGAGAG GCCGARAGGCCAGUGAGGUCU CAGACGG   31224   4859   6181   ACCGAGAG GCCGARAGGCCAGUGAGGUCU CAGACGG   31224   4850						
1981   1982   1982   1982   1982   1984   1984   1984   1982   1984						
4789   6221						
1789   6241   CCAAACUG G CAGAUCUG   12843   CAGAUCUG GCCGAAAGGCGAGGGAGGUC CAGUUUGG   31218   1787   6233   GALGUUC G CAGUCCCC   12844   CAGAGCUG GCCGAAAGGCGAGUGAGGUCU AGACCCCC   31220   1810   6220   CAUCAACA G UUCUCAACA   12845   GUUGAGGA GCCGAAAGGCGAGUGAGGUCU AGACCCAG   312218   1810   6220   CCUCAACA G UUCUCAGAA   12846   UUCUGGAA GCCGAAAGGCGAGUGAGGUCU AGUCAGGG   312218   1820   6210   UCCAACAA G UUUUUUCU   12847   AGAAAAAA GCCGAAAGGCGAGUGAGGUCU AGUCAGGG   31221   1843   6187   UCCUCUGA G CCGGUAUU   12848   AUAACCGG GCCGAAAGGCGAGUGAGGUCU AGUCAGGG   31224   18447   6183   CUGACCCG G UAUUCCCC   12849   GAGGAAAA GCCGAAAGGCGAGUGAGGUCU UUUCUGGA   31224   1845   6187   UCCUCUGA G CAGCGUAUU   12849   GAGGAAAA GCCGAAAGGCGAGUGAGGGAGUC GCGCUCAA   31224   1847   6183   CUUCUCAC G CUCUGGUU   12849   GAGGAAAA GCCGAAAGGCGAGUGAGGGAGUCU GCGCUCAA   31224   18483   6167   CAUCCAUG G UAUUCACC   12849   GAGGAAAA GCCGAAAGGCGAGUGAGGGUCU CAGACAGA   31224   18493   6151   CUUCUCAC G CUCUGGUU   12851   ACCAGAG GCCGAAAGGCGAGUGAGGUCU CUCACAAGA   31224   18485   6145   ACCGCUCUG G UUGGUAGA   12852   UCUACACAA GCCGAAAGGCGAGUGAGGUCU CUCACAAG   31227   18485   6141   UCUGGUUG G UAGAAUU   12851   ACCAGAG GCCGAAAGGCGAGUGAGGUCU CUCACAGAG   31227   18499   6151   AGACAGUA G UCCGUUG   12855   ACUGUCU G GCCGAAAGGCGAGUGAGGUCU CUCACAGAG   31224   18490   6124   AGCGAUCA G UCCGUUG   12855   ACUGUCU G GCCGAAAGGCGAGUGAGGGUCU CAACCAG   31229   18910   6112   AUCAGUUC G UUGAUCAU   12855   ACUGUCAG GCCGAAAGGCGAGUGAGGUCU CAACCAG   31223   18910   6112   UCCGUUG G CUUGACAG   12855   ACUGUCAG GCCGAAAGGCGAGUGAGGUCU CAACCAG   31223   18911   6115   UCCGUUG G CUUGACAG   12856   AUCCCAAC   GCCGAAAGGCGAGUGAGGUCU CAACCAG   31223   18922   6102   UUGAUGUU   12856   AUCCCAAC   GCCGAAAGGCGAGUGAGGUCU CAACCGGA   31223   18928   6102   UUGAUGUU   12856   AUCCCAAC   GCCGAAAGGCGAGUGAGGUCU CAACCGGA   31223   18928   6102   UUGAUGUU   12866   AUCCCAAC   GCCGAAAGGCGAGUGAGGUCU CAACCGGA   31223   18929   6102   UUGAUGUU   12866   AUCCCAAC   GCCGAAAGGCGAGUGAGGUCU CAACCACA	4776	6254				
1797   6233   GEAGAUCU G CAGUCCUC   12844   GAGGACUU GCCGAAAGGCGAGUGAGUCU AGAUCUGC   31219   1810   6220   CCUCAACA G UTCCCAGA   12845   UTUCUGGAA GCCGAAAGGCGAGUGAGUCU UGUUGAGG   31221   1820   6210   UCCAGAAA G UTUCUCCAGA   12846   UTUCUGGAA GCCGAAAGGCGAGUGAGUCU UGUUGAGG   31221   1820   6210   UCCAGAAA G UTUCUUCU   12847   AGAAAAA GCCGAAAGGCGAGUGAGUCU UUUUGAGG   31221   1841   1817   UCCUCUGGA G CCGGAGUGUU   12846   AGUACCGG GCCGAAAGGCGAGUGAGUCU UUUUGAGG   31224   1843   6187   UCCUCUGG G CCGGAAGGCGGAGUGAGGUCU UUCAAGGA   31224   1847   6183   CUUGACCG G UNAUACCC   12849   GGGAAUA GCCGAAAGGCGAGUGAGGUCU CAGAGGA   31224   18483   6187   CAUCCAGG G UNAUACCC   12850   GGUANAAG GCCGAAAGGCGAGUGAGGUCU CAGAGGA   31224   1849   6151   CUUCUCCA C GUCUGUU   12851   AACCAGGA GCCGAAAGGCGAGUGAGGUCU CAGAGAG   31224   1849   6151   CUUCUCCA C GUCUGUU   12851   AACCAGGA GCCGAAAGGCGAGUGAGGUCU CAGAGAG   31224   1849   6151   ACCACUCA G UUGUGUAA   12851   AACCAGGA GCCGAAAGGCGAGUGAGGUCU CAGACAGA   31224   1849   6151   ACCACUCA G UUGUGUAA   12851   AACCAGAG GCCGAAAGGCGAGUGAGGUCU CAGACAGA   31224   1849   6131   AGAAUUG   CAGAACGU   12855   CAAUUCUA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31228   1849   6131   AGAAUUG   CAGACGA   12855   CAAUUCUA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31228   1891   6115   UCCGUUUG G UUGGAUU   12855   CAAUUCUA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31228   1891   6115   UCCGUUUG G UUGGAUU   12855   AAUGCAAA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31228   1891   6115   UCCGUUUG G UUGGACAU   12856   AAUGCAAA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31223   1891   6115   UCCGUUUG G UUGGACAU   12856   AAUGCAAA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31223   1891   6115   UCCGUUGCA G CAUGAUGUU   12855   AAUGCAAA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31223   1891   6115   UCCGUCAG G UUGAACAG   12856   AUGCAAA GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31223   1892   6105   AUGUGUCA G UUGACAAC   12866   AUGAACAG GCCGAAAGGCGAGUGAGGUCU CAACCAGA   31223   1892   6105   AUGUGCAG G UUGAAGAG CAACAAGAGAGAGAGGAGGAGGAGGAGGAGGAGGAGGAGG	4780	6250	GUAAGCCA G CCAAACUG	12842		
1800   6220   GRUCUGCA G UCCUCARAC   12845   GUUGAGGA GCCGAAAGGCGAGUGAGUCU UGCAGAUC   31221	4789	6241	CCAAACUG G CAGAUCUG	12843	CAGAUCUG GCCGAAAGGCGAGUGAGGUCU CAGUUUGG	31218
##   ##   ##   ##   ##   ##   ##   #	4797	6233	GCAGAUCU G CAGUCCUC	12844		
RECORDANCE   SECONDAIR   STUDUTUTU   12847   AGAAANA GCGANAGGGAGUGAGGUCU UUUCUGGA   31222   4843   6187   UCCUCUGA G CGGGUAUU   12848   AAUACCGG GCGGANAGGGAGUGAGGUCU CAGAGGA   31223   4863   6167   CAUCCAG G UUUUUCCCC   12849   GGGGAANAGGCGAGUGAGGUCU CGGCUCAG   31224   4865   6167   CAUCCAG G UUUUUCCCC   12850   GGUANUA GCCGANAGGCGAGUGAGGUCU CAUGGAUGA   31224   4865   6167   CAUCCAG G UUUGUTACA   12851   AACCAGAG GCCGANAGGCGAGUGAGGUCU CAUGGAUGA   31224   4865   6145   ACGCGUCU G UUUGUACA   CUUUGCCA G CUCUGGUU   12851   AACCAGAG GCCGANAGGCGAGUGAGGUCU CAUGGAUGA   31224   4868   6141   UCUGGUU G UAGAAUU   12851   AACCAGAG GCCGANAGGCGAGUGAGGUCU CAGAGCGU   31227   4869   6151   AGAAUUG G UAGAAUUG   12853   CAAUUCUA GCCGANAGGCGAGUGAGGUCU CAGAGCGU   31228   4869   6151   AGAAUUGA G UCCAGAUGAGUCU   12854   ACGCGANAGGCGAGUGAGGUCU CAAUUCU   31229   4905   6124   AGCGAUCA G UCCGUUU   12855   CAAACGGA GCCGANAGGCGAGUGAGGUCU UCAAUUCU   31229   4916   6124   AGCGAUCA G UCCGUUU   12855   CAAACGGA GCCGANAGGCGAGUGAGGUCU UCAAUUCU   31230   4915   6115   UUCCGUU G GUUUGCAA   12857   UCCAACAU   GCCGANAGGCGAGUGAGGUCU GAACGGA   31231   4915   6115   UUCCGUU G UUGAUUCU   12855   AUGCCAA GCCGANAGGCGAGUGAGGUCU GAACGGA   31231   4915   6115   UUCGUU G UUGAUUCU   12855   UCAACCUC GCCGANAGGCGAGUGAGGUCU GAACGGA   31231   4915   6115   UUCGUU G UUGAAUUC   12855   UCAACCUC GCCGANAGGCGAGUGAGGUCU GAACGGA   31231   4925   6105   AUGUUGA G UUGAUGUU   12855   ACAUCA GCCGANAGGCGAGUGAGGUCU GAACGAA   31234   4925   6105   AUGUUGA G UUGACAC   12855   CUGACAC   CUGACAU   12855   CUGACAC   CUGACAU   12856   AUGCAAA GCCGAAAGGCGAGUGAGGUCU AUCACAC   31234   4935   6107   UUCAAUCG G CUCAAUCC   12865   AUGUACA GCCGAAAGGCGAGUGAGGUCU AUCACAC   31236   4936   6066   UGAAUUC G CUCCAAU   12861   GAAUCAG GCCGAAAGGCGAGUGAGGUCU AUCACAC   31236   4936   6066   UGACAUC G CUCCAAU   12864   CAUUCAG GCCGAAAGGCGAGUGAGGUCU AUCACAC   31236   4936   6066   UGACGGA G UUCACAUC   12866   GACUUCAG GCCGAAAGGCGAGUGAGGUCU AUCACAC   31236   4936   6066   UGACGGA G UUCACAC   12866	4800	6230	GAUCUGCA G UCCUCAAC	12845	GUUGAGGA GCCGAAAGGCGAGUGAGGUCU UGCAGAUC	31220
#820   #6210   UUCAGANA & UUUUUUUU   12847   AGAAAAA GCCGAAAGGCAGUUGAGUUU UUUUGGA   312224   4843   6187   UUCUUUGGA & CCGGUUUU   12849   GGGGAAUA GCCGAAAGGCAGUUGAGGUUU UUCAGAGGA   31224   4863   6167   CAUCCAUG & UAUUUCCCC   12849   GGGGAAUA GCCGAAAGGCGAGUUGAGGUUU CAGAGGA   31224   4863   6167   CAUCCAUG & UAUUUCCCC   12849   GGGGAAUA GCCGAAAGGCGAGUUGAGGUUU CAGAGGAG   31224   4863   6167   CAUCCAUG & UAUUUCCC   12850   GGUAUUUA GCCGAAAGGCGAGUUGAGGUUU CAGAGGCGA   31225   4885   6145   ACGCUCUG & UUGGUAGA   12851   ACCAGAG GCCGAAAGGCGAGUUGAGGUUU CAGAGCGU   31227   4889   6141   UUUGGUUG & UUGGUAGA   12852   UUUACCAA GCCGAAAGGCGAGUUGAGGUUU CAGAGCGU   31228   4889   6141   UUUGGUUG & UUGGUAGA   12854   ACUGAUG & GCCGAAAGGCGAGUGAGGUUU CAGAUCGU   31229   4996   6124   ACGCAUCCA & UUCAGUUG   12854   ACUGAUCCA   GCCGAAAGGCGAGUGAGGUUU UGAUUUCU   31229   4991   6120   AUUCAGUCC & UUUGGCAU   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUUU UGAUUCGU   31230   4910   6120   AUUCAGUCC & UUUGGCAU   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUUU UGAUUCGU   31234   4919   6111   UUUGGCAU & UUGAUUUU   12855   AUGCCAAA GCCGAAAGGCGAGUGAGGUUU GACUCGU   31234   4919   6110   AUUCAGUC & UUGAUUUU   12856   AUGCCAAA GCCGAAAGGCGAGUGAGGUUU CAAUUCGU   31234   4928   6102   UUGAUUUU   12857   UCAACCUU GCCGAAAGGCGAGUGAGGUUU ACAACCA   31234   4928   6102   UUGAUUUU   12858   AUGCCAAA GCCGAAAGGCGAGUGAGGUUU ACAACCA   31234   4928   6102   UUGAUGUU   12861   AUUCAGU   12861   AUUCAGU   AUCAACU   AUCA	4810	6220	CCUCAACA G UUCCAGAA	12846	UUCUGGAA GCCGAAAGGCGAGUGAGGUCU UGUUGAGG	31221
843   6187	-		UCCAGAAA G UUUUUUCU	12847	AGAAAAA GCCGAAAGGCGAGUGAGGUCU UUUCUGGA	31222
1887   6183   CUGAGCCG G UAUUCCCC   12849   GGGGAAUA GCCGAAAGGCGAGUGAGGUCU CGGCUCAG   31.224   8863   61.67   CAUCCAUG G UAUUAUACC   12850   GGUANUAU GCCGAAAGGCGAGUGAGGUCU CAUGGAUG   31.225   12851   CUUCCAC G CUCUGGUU   12851   ACCACAGA GCCGAAAGGCGAGUGAGGUCU CAUGGAUG   31.225   6883   61.45   ACGCUCUG G UUGGUAGA   12852   UCUACCAA GCCGAAAGGCGAGUGAGGUCU CAAGAGGG   31.227   4889   6141   UCUGGUUG G UUGGUAGA   12852   UCUACCAA GCCGAAAGGCGAGUGAGGUCU CAAGAGGA   31.228   4869   6141   UCUGGUUG G UAGACAGU   12854   ACGGAUCA GCCGAAAGGCGAGUGAGGUCU CAAGCCAGA   31.228   4906   61.24   AGCGAUCA G UCCGUUUG   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUCU UCAAUUCU   31.229   4906   61.24   AGCGAUCA G UCCGUUUG   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUCU UCAAUUCU   31.229   4910   61.20   AUCAGCCA G UCUGGCAU   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUCU UGAUCCCAU   31.231   4915   6115   UCCGUUUG G CAUGUUGA   12855   UCCAACAUG GCCGAAAGGCGAGUGAGGUCU GAACGGA   31.231   4915   6115   UUUGGCAU G UUGGCAU   12856   AUCACAAG GCCGAAAGGCGAAAGGCGAGUGAGGUCU CAAACGGA   31.231   4928   6102   UUGAUGUU G UUGACAAU   12856   AACACGAA GCCGAAAGGCGAGUGAGGUCU CAAACGGA   31.231   4928   6102   UUGAUGUU G UCCAACAU   12856   AACACGAA GCCGAAAGGCGAGUGAGGUCU AUCACAA   31.234   4933   6097   GUUUGCCA G CAUGAUUC   12861   GAACCAGA GCCGAAAGGCGAGUGAGGUCU AUCACAA   31.234   4942   6088   CAUGAUUC G UUCCCAG   12861   CAUGACAG GCCGAAAGGCGAGUGAGGUCU AUCACAA   31.235   4944   6086   UGAUCCGA G CAUGAUUC   12861   GAUCAGGA GCCGAAAGGCGAGUGAGGUCU AUCACAA   31.236   4944   6086   UGAUCCGA G CAUGAUUC   12861   GAUCAGA G CCGAAAGGCGAGUGAGGUCU UAGACAAC   31.237   4944   6086   UGAUCCGA G CUCCAGUC   12861   GAUCAGAG GCCGAAAGGCGAGUGAGGUCU UAGACAAC   31.237   4944   6086   UGAUCCGA G CUCCAGUC   12861   CAUGAGAAGGCAGAGGAGGAGGAGGAGCAGCAAGGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGCAGAGAGAGCAGAGAGAGCAG					AAUACCGG GCCGAAAGGCGAGUGAGGUCU UCAGAGGA	31223
1863   1567						31224
1511						
885						
R889				<del> </del>		
### ### ##############################						
1906   6124   AGCGAUCA G UCCGUUUG   12855   CAAACGGA GCCGAAAGGCGAGUGAGGUCU UGAUCGCU   31230   1910   6120   AUCAGUCC G UUUGGCAU   12856   AUGCCAAA GCCGAAAGGCGAGUGAGGUCU CAAACGGA   31231   1915   6115   UCCGUUUG G CAUGUUGA   12857   UCAAACAUG GCCGAAAGGCGAGUGAGGUCU CAAACGGA   31232   1925   6115   UUUGGCAU G UUGAUGUU   12858   AACAUCAA GCCGAAAGGCGAGUGAGGUCU CAAACGGA   31232   1925   6105   AUGUUGAU G UUGAUGUU   12858   AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUCACACAU   31234   1928   6102   UUGAUGUU G UCCACCAU   12859   CUGACAG GCCGAAAGGCGAGUGAGGUCU AUCAACAU   31234   1928   6102   UUGAUGUU G UCCACCAU   12861   GAAUCAUG GCCGAAAGGCGAGUGAGGUCU AUCAACAU   31234   1933   6097   GUUGUCCA G CAUGAUUC   12861   GAAUCAUG GCCGAAAGGCGAGUGAGGUCU ACCAACAU   31236   1942   6088   CAUGAUUC G CUCCAGCAU   12862   CUGAGGCA GCCGAAAGGCGAGUGAGGUCU ACCAACAU   31237   1944   6088   CAUGAUUC G CUCCAGUC   12863   GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA   31238   1950   6080   GUGCCUCA G UCCAAUGG   12863   GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA   31238   1950   6090   GUGCCUCA G UCCAAUGG   12865   GACUUGAG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA   31238   1950   6071   UCCAAUGG C UCCAAUGG   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCAGCCC   31241   1970   6060   AAGUUCG G UCGACAUU   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCAGCCC   31241   1970   6060   AAGUUCG G UCGUCUUC   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGACCC   31241   1970   6060   AAGUUCG G UCGUCUUC   12867   GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGACCA   31241   1970   6060   AAGUUCG G UCGUCCCC   128670   GGGGCACA GCCGAAAGGCGAGUGAGGUCU UCGACCA   31241   1970   6060   AAGUUCG G UCGUCCCC   128670   GGGGCACA GCCGAAAGGCGAGUGAGGUCU UCGACCA   31241   1970   6060   AAGUUCG G UCGUCCCC   128670   GGGGCACA GCCGAAAGGCGAGUGAGGUCU UCGACCA   31241   1985   6045   UCAUUCUG G UCGCCCC   128670   GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACGUCGAA   31244   1985   6045   UCAUUCUG G UCGCCCC   128670   GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACCUCGAA   31247   1986   6045   UCAUCUG G UCCACCCC   12870   GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACCU				+		
4910   6120   AUCAGUCC G UUUGGCAU   12856   AUGCCAAA GCCGAAAGGCGAGUGAGGUCU GGACUGAU   31231   4915   6115   UCCGUUUG G CAUGUUGAU   12857   UCAACAUG GCCGAAAGGCGAGUGAGGUCU AUGCCAAA   31232   4919   6111   UUUGGCAU G UUGAUGUU   12858   AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGCCAAA   31233   4925   6105   AUGUUGAU G UUGUCCAG   12859   CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCACAU   31234   4928   6102   UUGAUGUU G UCCAGCAU   12860   AUGCUGGA GCCGAAAGGCGAGUGAGGUCU AUCACAU   31234   4928   6102   UUGAUGUU G UCCAGCAU   12861   GAAUCAUG GCCGAAAGGCGAGUGAGGUCU ACACAUCA   31235   4932   6097   GUUGUCCA G CAUGAUUC   12861   GAAUCAUG GCCGAAAGGCGAGUGAGGUCU ACACACAU   31236   4942   6088   CAUGAUUC G UGCCUCAG   12862   CUGAGCA GCCGAAAGGCGAGUGAGGUCU ACACACAU   31237   4944   6086   UGAUUCGU G CCUCAGUC   12863   GACUGAG GCCGAAAGGCGAGUGAGGUCU ACGACAC   31238   4959   6071   UCCAAUGG G CCUCAGUC   12863   GACUGAG GCCGAAAGGCGAGUGAGGUCU ACGACAC   31239   4959   6071   UCCAAUGG G CGAAAUGC   22865   GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGGA   31240   4964   6066   UGGGCCC   GCAAAUGC   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGAGCAC   31241   4970   6060   AAGUUCGA G UCCUCAUU   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGACCUC   31241   4973   6057   UUCGAGUC G UCUUCAUU   12866   GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGAACUU   31242   4983   6047   CUUCAUUC G UGUGCCCC   12869   GAGGCACA GCCGAAAGGCGAGUGAGGUCU GCCUCGAA   31243   4985   6045   UCAUCGU G UCUCCAU   12866   GAGGCGA GCCGAAAGGCGAGUGAGGUCU GCCUCGAA   31243   4985   6045   UCAUCGU G UCUCCCC   12870   GGGGCACA GCCGAAAGGCGAGUGAGGUCU GACUCGAA   31244   4985   6045   UCAUCGU G UCUCCCC   12870   GGGGCACA GCCGAAAGGCGAGUGAGGUCU GCCUCGAA   31243   4987   6043   AUUCGUGU G UCCCCCC   12870   GGGGCACA GCCGAAAGGCGAGUGAGGUCU GACUCGAA   31244   4985   6045   UCAUCGU G UCCCCCCC   12870   GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACACACAUGA   31246   4987   6043   AUUCGUGU G UCCCCCCC   12870   GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACACACACU G UCCCCCCC   12870   GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACACAGAC G UCCCCCC   12871   AUGUGCG G CCGAA	4899	6131		+		
4915   6115	4906	6124	AGCGAUCA G UCCGUUUG	12855		
4919 6111 UUUGGCAU G UUGAUGUU 12858 AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGACAAA 31233 4925 6105 AUGUUGAU G UUGUCCAG 12859 CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCAACAU 31234 4928 6102 UUGAUGUC G UCCAGCAU 12860 AUGCUGA GCCGAAAGGCGAGUGAGGUCU AUCAACAU 31235 4933 6097 GUUGUCCA G CADGAUU 12861 GAAUCAUG GCCGAAAGGCGAGUGAGGUCU ACAUCAA 31235 4942 6088 CAUGAUUC G UGCCUCAG 12861 GAAUCAUG GCCGAAAGGCGAGUGAGGUCU ACAUCAA 31236 4944 6086 UGAUUCGU G CUCCAGUC 12863 GACUGAGG GCCGAAAGGCGAGUGAGGUCU AGAUCAU 31237 4944 6086 UGAUUCGU G CUCCAGUC 12863 GACUGAG GCCGAAAGGCGAGUGAGGUCU AGAUCAU 31237 4950 6080 GUGCCUCA G UCCAAUGG 12864 CCAUUGGA GCCGAAAGGCGAGUGAGGUCU AGAAUCA 31239 4959 6071 UCCAAUGG G CGAAGUUC 12865 GACUUCG GCCGAAAGGCGAGUGAGGUCU UCGAGCAC 31239 4950 6060 AAGUUCGA G UCCAGUC 12866 GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGAGCAC 31239 4970 6060 AAGUUCGA G UCUCCAUU 12866 GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGACCU 31242 4973 6057 UUCCAGUC G UCUUCCU 12867 GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGACCU 31242 4983 6047 CUUCAUCG G UGUCCCC 12869 GGGCCAC GCCGAAAGGCGAGUGAGGUCU UCGACCU 31244 4983 6045 UCAUUCGU G UGUCCCC 12869 GGGGCACA GCCGAAAGGCGAGUGAGGUCU UCGACCU 31244 4983 6045 UCAUUCGU G UGCCCCC 12870 GGGGGCAC GCCGAAAGGCGAGUGAGGUCU GAUCAAA 31241 4983 6045 UCAUUCGU G UGCCCCC 12870 GGGGGCAC GCCGAAAGGCGAGUGAGGUCU AGAUGAA 31244 4985 6045 UCAUUCGU G UGCCCCC 12870 GGGGGCAC GCCGAAAGGCGAGUGAGGUCU AGAUAGA 31245 4997 6060 AAGUCAAC G UCCCCCCU 12871 AUGGGGGG GCCGAAAGGCGAGUGAGGUCU ACAAUGA 31245 5000 6030 CCAUAACA G UACUCAUC 12872 AUGGGGGG GCCGAAAGGCGAGUGAGGUCU ACAAUGA 31245 5017 6013 ACCAACUU G CGACGGAU 12871 AUGGGGGG GCCGAAAGGCGAGUGAGGUCU ACAGAUGA 31246 5038 5992 ACCGAUAC G UCCACGUC 12874 GACGGGAGGGAGGGAGUGAGGUCU UGUUAUCG 31247 5017 6013 ACCAACUU G CGACGGAU 12874 GACGGGAGGGAGGGAGGGAGUGAGGUCU UGUAUCGGU 31249 5044 5986 ACGUCAC G UCCACGUC 12874 GACGGGAGGGAGGGAGGGAGUGAGGUCU UGUAUCGGU 31249 5052 5978 GUCUCUCGG C GCCCCC 12876 GCGAAAGGCGAGGGAGUGAGGUCU UGUAUCGGU 31249 5054 5986 ACGUCAC G UCCACGGC 12876 GCGAAAGGCGAGGGAGUGAGGUCU UGACCGU 312250 5052 5978 GUCUCUCGG C GCCCCCC 12876 GCGAAGGC	4910	6120	AUCAGUCC G UUUGGCAU	12856	AUGCCAAA GCCGAAAGGCGAGUGAGGUCU GGACUGAU	
4925   6105   AUGUUGAU G UUGUCCAG   12859   CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCAACAU   31234   4928   6102   UUGAGUGUU G UCCAGCAU   12860   AUGCUGGA GCCGAAAGGCGAGUGAGGUCU UGAACAC   31235   4933   6097   GUUGUCCA G CAUGAUUC   12861   AUGCUGGA GCCGAAAGGCGAGUGAGGUCU UGAACAC   31236   4942   6088   CAUGAUUC G UGCCUCAG   12862   CUGAGGCA GCCGAAAGGCGAGUGAGGUCU UGAACAC   31237   4944   6086   UGAUUCGU G CCUCAGUC   12863   GACUGAG GCCGAAAGGCGAGUGAGGUCU UGAACAC   31238   4950   6080   GUGCCUCA G UCCAAUGG   12864   CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGCAC   31239   4959   6071   UCCAAUGG GCAAGUUC   12865   GAACUUCG GCCGAAAGGCGAGUGAGGUCU UCAGUGGA   31240   4964   6066   UGGGCGA G UUCCAAUGG   12865   GAACUUCG GCCGAAAGGCGAGUGAGGUCU UCAGGCAC   31241   4970   6060   AAGUUCGA G UCCUCAUU   12867   GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGACCUU   31242   4973   6057   UUCCAGUG G UCUUCAUU   12867   GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU   31242   4973   6057   UUCCAGUC G UCUUCAUU   12867   GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU   31242   4983   6047   CUUCAUUC G UGUGCCCC   12869   GGGGCACA GCCGAAAGGCGAGUGAGGUCU UCGAACUU   31244   4985   6045   UCAUUCGU G UGUCCCCC   12869   GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACAGAAU   31245   4987   6043   AUUCGUGU G UGCCCCC   12870   GGGGGGCA GCCGAAAGGCGAGUGAGGUCU ACAGAAU   31246   5000   6030   CCAUAACA G UACUCAUC   12871   AUGGGGG GCCGAAAGGCGAGUGAGGUCU ACAGAAU   31246   5000   6030   CCAUAACA G UACUCAUC   12871   AUGGGGG G CCGAAAGGCGAGUGAGGUCU ACAGAAU   31246   5038   5992   ACCGAUAC G UCCCCCC   12873   AUCCAUCA GCCGAAAGGCGAGUGAGGUCU ACAGAAU   31248   5038   5992   ACCGAUAC G UCCCCCC   12873   AUCCAUCA GCCGAAAGGCGAGUGAGGUCU ACGAAUG   31249   5044   5986   ACGUCCAC G UCUCGGG   12873   AUCCAUCG GCCGAAAGGCGAGUGAGGUCU AGUUGGU   31248   5058   5998   GUCUCUGG G CGCACAA   12873   AUCCAUCA GCCGAAAGGCGAGUGAGGUCU UGUUGGU   31248   5058   5998   GUCUCUGG G CGCACAC   12873   AUCCAUCA GCCGAAAGGCGAGUGAGGUCU UGUUGGU   31249   5064   5966   ACGUCCA G UCUCCCC   12878   GACAGUG GCCGAAAGGCGAGUGAGGUCU UAGUGCC   31250   505	4915	6115	UCCGUUUG G CAUGUUGA	12857	UCAACAUG GCCGAAAGGCGAGUGAGGUCU CAAACGGA	31232
4928         6102         UUGAUGUU G UCCAGCAU         12860         AUGCUGGA GCCGAAAGGCGAGUGAGGUCU AACAUCAA         31235           4933         6097         GUUGUCCA G CAUGAUUC         12861         GAAUCAUG GCCGAAAGGCGAGUGAGGUCU UGGACAAC         31236           4942         6088         CAUGAUUC G UGCCUCAG         12862         CUGAGGCA GCCGAAAGGCGAGUGAGGUCU GAAUCAUG         31237           4944         6086         UGADUCGU G CCUCAGUC         12863         GACUGAGG GCCGAAAGGCGAGUGAGGUCU GAGACUC         31238           4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGCAC         31239           4950         6071         UCCAAUGG         CUCAAUGG         GACUUGGA         GACUUGGA         31240           4964         6066         UGGGCGAA         GUCGGAUC         12865         GAACUUGGA GCCGAAAGGCGAGUGAGGUCU UGAACUU         31242           4973         6057         UUCGAGUC         12866         GACUCGAA         GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31242           4983         6047         CUUCATUC G UUGUCCCC         12868         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUGAA         31244           4987         6045         UACUUCAU         12867         GAGGGGAC GCCGAAAGGCGAGUGAGGUCU ACGAAAGG         31244 <td< td=""><td>4919</td><td>6111</td><td>UUUGGCAU G UUGAUGUU</td><td>12858</td><td>AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGCCAAA</td><td>31233</td></td<>	4919	6111	UUUGGCAU G UUGAUGUU	12858	AACAUCAA GCCGAAAGGCGAGUGAGGUCU AUGCCAAA	31233
4933         6097         GUUGUCCA G CAUGAUUC         12861         GAAUCAUG GCCGAAAGGCGAGUGAGGUCU UGGACAAC         31236           4942         6088         CAUGADUC G UGCCUCAG         12862         CUGAGGCA GCCGAAAGGCAGUGAGGUCU ACGAAUCA         31237           4944         6086         UGAUUCGU G CCUCAGUC         12863         GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA         31238           4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC         31229           4959         6071         UCCAAUGG G CGAAGUC         12865         GAACUUCG GCCGAAAGGCGAGUGAGGUCU UGAGCCC         31240           4970         6066         UGGGCGAA G UCUCAUU         12867         GAAGCGAAAGGCGAGUGAGGUCU UCGACCU         31241           4970         6066         AAGUUCGA G UCUUCAUU         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31243           4983         6047         CUUCADUC G UGCCCCC         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31244           4985         6045         UCAUUCAUUC G UGCCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           4987         6043         AUUGGUG G UCCCCCA         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU UCGAACAA         31247           5017	4925	6105	AUGUUGAU G UUGUCCAG	12859	CUGGACAA GCCGAAAGGCGAGUGAGGUCU AUCAACAU	31234
4942         6088         CAUGADUC G UGCUCAG         12862         CUGAGGCA GCCGAAAGGCGAGUGAGGUC GAAUCAUG         31237           4944         6086         UGAUUCGU G CCUCAGUC         12863         GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA         31238           4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC         31239           4950         6080         GUGCCUCA G UCCAAUGG         12865         GACUUCG GCCGAAAGGCGAGUGAGGUCU UCCAUUGGA         31240           4954         6066         UGGGCGAA G UCCGAGUC         12866         GACUCGAA         GCCGAAAGGCGAGUGAGGUCU UCCACCA         31241           4970         6060         AAGUUCGA G UCGUCUC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCCAACUU         31242           4973         6057         UUCCAGUC G UGUCCCC         12868         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GAAUGAA         31243           4983         6047         CUUCAUUCGU G UGCCCCC         12870         GGGGGCAC GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31245           4987         6043         AUUCGUGU G CCCCCCAU         12871         AUGGGGGG GCGGAAAGGCGAGUGAGGUCU ACACGAAU         31247           5017         6013         ACCAACUU G CGACGAU         12873         AUCCGUCG GCGAAAGGCGAGGGGGGGGGGGGGGGGGGGG	4928	6102	UUGAUGUU G UCCAGCAU	12860	AUGCUGGA GCCGAAAGGCGAGUGAGGUCU AACAUCAA	31235
4942         6088         CAUGADUC G UGCCUCAG         12862         CUGAGGCA GCCGAAAGGCGAGUGAGGUU GAAUCAU         31237           4944         6086         UGAUUCGU G CCUCAGUC         12863         GACUGAGG GCCGAAAGGCGAGUGAGGUU ACGAAUCA         31238           4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGGACCA         31239           4959         6071         UCCAAUGG G CGAAGUUC         12865         GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGGA         31240           4964         6066         UGGGCGAA G UUCGAGUC         12866         GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31241           4970         6050         AAGUUCGA G UCUUCAUU         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31242           4973         6057         UUCGAGUC G UCUUCAUU         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU GACUCGAA         31244           4983         6047         CUUCAUUCG G UGUGCCCC         12870         GGGGGCACA GCCGAAAGGCGAGUGAGGUCU GACUGAAU         31245           4987         6043         AUUCGUGU G CCCCCCAU         12871         AUGGGGGG GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31247           5017         6013         ACCAACUU G CGACGAU         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU AAGUUGU         31249           <	4933	6097	GUUGUCCA G CAUGAUUC	12861	GAAUCAUG GCCGAAAGGCGAGUGAGGUCU UGGACAAC	31236
4944         6086         UGAUUCGU G CUCAGUC         12863         GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA         31238           4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC         31239           4959         6071         UCCAAUGG G CGAAGUUC         12865         GAACUUCGA GCCGAAAGGCGAGUGAGGUCU CCAUUGGA         31240           4964         6066         UGGGCGAA G UUGGAGUC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UUGGACCU         31241           4970         6060         AAGUUCGAA G UCGUCUC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31242           4973         6057         UUCGAGUC G UCUUCAUU         12868         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA         31243           4983         6047         CUUCAUUC G UGCCCCC         12869         GGGGGCACA GCCGAAAGGCGAGUGAGGUCU GACGAAGGAAGAAGAAGAAGAAGAAGAAGAAAAAAAAAA		6088	CAUGAUUC G UGCCUCAG	12862	CUGAGGCA GCCGAAAGGCGAGUGAGGUCU GAAUCAUG	31237
4950         6080         GUGCCUCA G UCCAAUGG         12864         CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC         31239           4959         6071         UCCAAUGG G CGAAGUUC         12865         GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGGA         31240           4964         6066         UGGGCGAA G UCGUCUC         12866         GACUCGAA GCCGAAAGGCGAGUGAGGUCU UCGACCCA         31241           4970         6060         AAGUUCGA G UCGUCUUC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGACCU         31242           4973         6057         UUCCAGUC G UCUUCAUU         12869         AAUGAAGA GCCGAAGGCGAGUGAGGUCU GACUCAAA         31243           4983         6047         CUUCAUUC G UGUCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG         31244           4985         6045         UCAUUCGU G UGCCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           5000         6030         CCAUAACA G UCCCCCU         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGAU         12872         GAUGGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31249           5044         5986         ACGUCCAC G UCCUCGG         12874         GACGUCGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31250           5052<				<del></del>	GACUGAGG GCCGAAAGGCGAGUGAGGUCU ACGAAUCA	31238
4959         6071         UCCAAUGG G CGAAGUUC         12865         GAACUUCG GCCGAAAGGCGAGUGAGGUCU CCAUUGA         31240           4964         6066         UGGGCGAA G UUCGAGUC         12866         GACUCGAA GCCGAAAGGCGAGUGAGGUCU UUCGCCCA         31241           4970         6060         AAGUUCGA G UCGUCUUC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31242           4973         6057         UUCGAGUC G UGUGCCC         12869         AAUGAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA         31243           4983         6047         CUUCAUUC G UGUGCCC         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31245           4987         6043         AUUCGUGU G UGCCCCC         12870         GGGGGGCA GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31245           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGAU         12873         AUCCGUG GCCGAAAGGCGAGUGAGGUCU UGUUAUGGU         31248           5038         5992         ACCGAUAC G UCCUGGG         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU UGUGACGU         31249           5044         5986         ACGUCCAC G UCCUGGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5				+	CCAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAGGCAC	31239
4964         6066         UGGGCGAA         GUCGAGUC         12866         GACUCGAA         GCCGAAAGGCGAGUGAGGUCU         UUCGCCCA         31241           4970         6060         AAGUUCGA         GUCGUCUUC         12867         GAAGACGA         GCCGAAAGGCGAGUGAGGUCU         UCGAACUU         31242           4973         6057         UUCGAGUC         GUCUCCCC         12869         AGGGCACA         GCCGAAAGGCGAGUGAGGUCU         GACUGGAA         31243           4983         6047         CUCAUUCGU         GUGCCCCC         12869         GGGGGCACA         GCCGAAAGGCGAGUGAGGUCU         ACGAAUGA         31245           4985         6045         UCAUUCGU         GUGCCCCC         12870         GGGGGGCA         GCCGAAAGGCGAGUGAGGUCU         ACGAAUGA         31245           5000         6030         CCAUAACA         GUCCCCCU         12871         AUGGGGG         GCCGAAAGGCGAGUGAGGUCU         ACCACAUU         31247           5017         6013         ACCAACUU         GCGACGAU         12873         AUCCGUCG         GCCGAAAGGCGAGUGAGGUCU         UGUUCGGU         31248           5038         5992         ACCGAUAC         GUCCUGGG         12874         GACGUCGA         GCCGAAAGGCGAGUGAGGUCU         GUGACGAU         31250           5055<				+		31240
4970         6060         AAGUUCGA G UCGUCUIC         12867         GAAGACGA GCCGAAAGGCGAGUGAGGUCU UCGAACUU         31242           4973         6057         UUCGAGUC G UCUUCAUU         12868         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA         31243           4983         6047         CUUCAUUC G UGUGCCCC         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG         31244           4985         6045         UCAUUCGU G UGCCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA         GCCGCAAAGGCGAGUGAGUGUAUGUUUUUUUGG         31247           5017         6013         ACCAACUU G CGACGGAU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCCGAGUGAGGUCU GUULCGGU         31249           5044         5986         ACGUCCAC G UCCUCGG         12875         CCCAGAAA         GCCGAAAGGCGAGUGAGGUCU GUULCGGU         31251           5052         5978         GUCUCUGG G CGCCAUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5061         5969         CGGCACUA G CUGCUCCU         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU AGCUACU UAGUGCC		<del></del>	<u> </u>	+	<u> </u>	
4973         6057         UUCGAGUC G UCUUCAUU         12868         AAUGAAGA GCCGAAAGGCGAGUGAGGUCU GACUCGAA         31243           4983         6047         CUUCAUUC G UGUGCCCC         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG         31244           4985         6045         UCAUUCGU G UGCCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           4987         6043         AUUCGUGU G CCCCCAU         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31246           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGGAU         12873         AUCCGUGA GCCGAAAGGCGAGUGAGGUCU UGUAUCGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGAG GCCGAAAGGCGAGUGAGGUCU GUAUCGGU         31249           5044         5986         ACGUCCAC G UCUCUGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5052         5978         GUCUCGG G CGCCUA         12876         UAGUGCG GCCGAAAGGCGAGUGAGGUCU CCACAGA         31251           5061         5969         CGGCACUA G CUGCUCC         12878         GACAGCAG GCCGAAAGGCGAGUGAGUCU AGCUACU         31253           5064<			<u> </u>	<del></del>		
4983         6047         CUICAUUC G UGUGCCCC         12869         GGGGCACA GCCGAAAGGCGAGUGAGGUCU GAAUGAAG         31244           4985         6045         UCAUUCGU G UGCCCCC         12870         GGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           4987         6043         AUUCGUGU G CCCCCCAU         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31246           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGGU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCUCGG         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCCGU         31249           5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUAGAGC         31251           5052         5978         GUCUCUGG G CACUAGCU 12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCCCAGAA         31251           5061         5969         CGGCACUA G CUGCUGC 12878         GACAGCAG GCCGAAAGGCGAGUGAGUCU UAGUGCC         31253           5064         5966         CACUAGCU G CUGCCACUA 12889         GACAGCAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG 31254           5067         5963         UAGCUGCU G UCACUGCA 12880						
4985         6045         UCAUUCGU G UGCCCCC         12870         GGGGGGCA GCCGAAAGGCGAGUGAGGUCU ACGAAUGA         31245           4987         6043         AUUCGUGU G CCCCCAU         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31246           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGGU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31249           5044         5986         ACGUCCAC G UCCUCUGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCCCCAGA         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGGU GCCGAAAGGCGAGUGAGGUCU UAGUCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUCCCAGA         31254           5064         5966         CACUAGCU G UCACUGCA         12880         UGCAGGAG GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255				+		
4987         6043         AUUCGUGU G CCCCCAU         12871         AUGGGGG GCCGAAAGGCGAGUGAGGUCU ACACGAAU         31246           5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGGAU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU         31249           5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGAGCUA         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
5000         6030         CCAUAACA G UACUCAUC         12872         GAUGAGUA GCCGAAAGGCGAGUGAGGUCU UGUUAUGG         31247           5017         6013         ACCAACUU G CGACGGAU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU         31249           5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAAGGCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGA		<del></del>		<del></del>		
5017         6013         ACCAACUU G CGACGGAU         12873         AUCCGUCG GCCGAAAGGCGAGUGAGGUCU AAGUUGGU         31248           5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU         31249           5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257						
5038         5992         ACCGAUAC G UCCACGUC         12874         GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU         31249           5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31258		<u> </u>				
5044         5986         ACGUCCAC G UCUCUGGG         12875         CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU         31250           5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU CAUCUAAA         31258           5121         5909         UUAUGAUG G UUGGUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUC         31260	5017	6013		12873		
5052         5978         GUCUCUGG G CGGCACUA         12876         UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC         31251           5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG         31258           5121         5909         UUAUGAUG G UUGGUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31259           5125         5905         GAUGGUUG G UUUCACAC         12885         GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31260	5038	5992	ACCGAUAC G UCCACGUC	12874	GACGUGGA GCCGAAAGGCGAGUGAGGUCU GUAUCGGU	31249
5055         5975         UCUGGGCG         G CACUAGCU         12877         AGCUAGUG         GCCGAAAGGCGAGUGAGGUCU         CGCCCAGA         31252           5061         5969         CGGCACUA         G CUGCUGUC         12878         GACAGCAG         GCCGAAAGGCGAGUGAGGUCU         UAGUGCCG         31253           5064         5966         CACUAGCU         12879         AGUGACAG         GCCGAAAGGCGAGUGAGGUCU         AGCUAGUG         31254           5067         5963         UAGCUGCU         G UCACUGCA         12880         UGCAGUGA         GCCGAAAGGCGAGUGAGGUCU         AGCAGCUA         31255           5073         5957         CUGUCACU         G CAGAUGGU         12881         ACCAUCUG         GCCGAAAGGCGAGUGAGGUCU         AGUGACAG         31256           5080         5950         UGCAGAUG         G UUCUCCCA         12882         UGGGAGAA         GCCGAAAGGCGAGUGAGGUCU         CAUCUGCA         31257           5112         5918         CUCCUUCU         G UUAUGAUG         12883         CAUCAUAA         GCCGAAAGGCGAGUGAGGUCU         AGAAGGAG         31258           5121         5909         UUAUGAUG         G UUGGUUC         12884         GAAACCAA         GCCGAAAGGCGAGUGAGGUCU         CAUCAUC         31260           5141 <td< td=""><td>5044</td><td>5986</td><td>ACGUCCAC G UCUCUGGG</td><td>12875</td><td>CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU</td><td>31250</td></td<>	5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GCCGAAAGGCGAGUGAGGUCU GUGGACGU	31250
5055         5975         UCUGGGCG G CACUAGCU         12877         AGCUAGUG GCCGAAAGGCGAGUGAGGUCU CGCCCAGA         31252           5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG         31258           5121         5909         UUAUGAUG G UUGGUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31259           5125         5905         GAUGGUUG G UUUCACAC         12885         GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31260           5141         5889         CUCUUCCG G CUGUCAAU         12886         AUUGACAG GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31261	5052	5978	GUCUCUGG G CGGCACUA	12876	UAGUGCCG GCCGAAAGGCGAGUGAGGUCU CCAGAGAC	31251
5061         5969         CGGCACUA G CUGCUGUC         12878         GACAGCAG GCCGAAAGGCGAGUGAGGUCU UAGUGCCG         31253           5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG         31258           5121         5909         UUAUGAUG G UUGGUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31259           5125         5905         GAUGGUUG G UUUCACAC         12885         GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31260           5141         5889         CUCUUCCG G CUGUCAAU         12886         AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGG         31261			UCUGGGCG G CACUAGCU	<del></del>		31252
5064         5966         CACUAGCU G CUGUCACU         12879         AGUGACAG GCCGAAAGGCGAGUGAGGUCU AGCUAGUG         31254           5067         5963         UAGCUGCU G UCACUGCA         12880         UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA         31255           5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG         31258           5121         5909         UUAUGAUG G UUGGUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31259           5125         5905         GAUGGUUG G UUUCACAC         12885         GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31260           5141         5889         CUCUUCCG G CUGUCAAU         12886         AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG         31261		<del></del>	<u></u>	+		
50675963UAGCUGCU G UCACUGCA12880UGCAGUGA GCCGAAAGGCGAGUGAGGUCU AGCAGCUA3125550735957CUGUCACU G CAGAUGGU12881ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG3125650805950UGCAGAUG G UUCUCCCA12882UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA3125751125918CUCCUUCU G UUAUGAUG12883CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG3125851215909UUAUGAUG G UUGGUUUC12884GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA3125951255905GAUGGUUG G UUUCACAC12885GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC3126051415889CUCUUCCG G CUGUCAAU12886AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG31261		<del></del>		+		
5073         5957         CUGUCACU G CAGAUGGU         12881         ACCAUCUG GCCGAAAGGCGAGUGAGGUCU AGUGACAG         31256           5080         5950         UGCAGAUG G UUCUCCCA         12882         UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA         31257           5112         5918         CUCCUUCU G UUAUGAUG         12883         CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG         31258           5121         5909         UUAUGAUG G UUGGUUUC         12884         GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA         31259           5125         5905         GAUGGUUG G UUUCACAC         12885         GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC         31260           5141         5889         CUCUUCCG G CUGUCAAU         12886         AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG         31261					I	
50805950UGCAGAUG G UUCUCCCA12882UGGGAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUGCA3125751125918CUCCUUCU G UUAUGAUG12883CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG3125851215909UUAUGAUG G UUGGUUC12884GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA3125951255905GAUGGUUG G UUUCACAC12885GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC3126051415889CUCUUCCG G CUGUCAAU12886AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG31261				+		<del> </del>
51125918CUCCUUCU G UUAUGAUG12883CAUCAUAA GCCGAAAGGCGAGUGAGGUCU AGAAGGAG3125851215909UUAUGAUG G UUGGUUUC12884GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA3125951255905GAUGGUUG G UUUCACAC12885GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC3126051415889CUCUUCCG G CUGUCAAU12886AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG31261	<del></del>	<del></del>	<u> </u>	<del>+</del>		
51215909UUAUGAUGGUUGGUUC12884GAAACCAA GCCGAAAGGCGAGUGAGGUCU CAUCAUAA3125951255905GAUGGUUG G UUUCACAC12885GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC3126051415889CUCUUCCG G CUGUCAAU12886AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG31261		<del></del>		<del></del>		
5125 5905 GAUGGUUG G UUUCACAC 12885 GUGUGAAA GCCGAAAGGCGAGUGAGGUCU CAACCAUC 31260 5141 5889 CUCUUCCG G CUGUCAAU 12886 AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG 31261				+	<del></del>	
5141 5889 CUCUUCCG G CUGUCAAU 12886 AUUGACAG GCCGAAAGGCGAGUGAGGUCU CGGAAGAG 31261		<del>}</del> _	<u> </u>	<del></del>		
5144 5886 UUCCGGCU G UCAAUCAC 12887 GUGAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCGGAA 31262				<del></del>		
	5144	5886	UUCCGGCU G UCAAUCAC	12887	GUGAUUGA GCCGAAAGGCGAGUGAGGUCU AGCCGGAA	31262

Table X

			10000	AAGGCGAG GCCGAAAGGCGAGUGAGUCU AGGGUGAU	31263
5156	5874	AUCACCCU G CUCGCCUU	12888	CUUCAAGG GCCGAAAGGCGAGUGAGGUCU GAGCAGGG	31264
5160	5870	CCCUGCUC G CCUUGAAG	12889	GGGGCUAA GCCGAAAGGCGAGUGAGGUCU UUCAAGGC	31265
5168	5862	GCCUUGAA G UUAGCCCC	12890	AAUGGGG GCCGAAAGGCGAGUGAGGUCU UAACUUCA	31266
5172	5858	UGAAGUUA G CCCCCAUU	12891	ACAACAGA GCCGAAAGGCGAGUGAGGUCU AUAUCUGA	31267
5189	5841	UCAGAUAU G UCUGUUGU	12892	UAUCACAA GCCGAAAGGCGAGUGAGGUCU AGACAUAU UAUCACAA GCCGAAAGGCGAGUGAGGUCU AGACAUAU	31268
5193	5837	AUAUGUCU G UUGUGAUA	12893	UGUUAUCA GCCGAAAGGCGAGUGAGGUCU AACAGACA	31269
5196	5834	UGUCUGUU G UGAUAACA	12894	GAUUGGGA GCCGAAAGGCGAGUGAGGUCU UUUGUUAU	31270
5207	5823	AUAACAAA G UCCCAAUC	12895		31271
5219	5811	CAAUCAUC G UUCUUACA	12896	UGUAAGAA GCCGAAAGGCGAGUGAGGUCU GAUGAUUG ACGGGGUA GCCGAAAGGCGAGGUCU CCAAAAUG	31272
5234	5796	CAUUUUGG G UACUCCGU	12897	GUACGAGA GCCGAAAGGCGAGUGAGGUCU GGAGUACC	31273
5241	5789	GGUACUCC G UCUCGUAC	12898	AAGUCGUA GCCGAAAGGCGAGUGAGGUCU GAGACGGA	31274
5246	5784	UCCGUCUC G UACGACUU	12899	CAAUUGAA GCCGAAAGGCGAGUGAGGUCU AGAAAGUC	31275
5258	5772	GACUUUCU G UUCAAUUG	12901	ACAACGUG GCCGAAAGGCGAGUGAGGUCU UGGAAAGA	31276
5283	5747	UCUUUCCA G CACGUUGU		GCCUACAA GCCGAAAGGCGAGUGAGGUCU GUGCUGGA	31277
5287	5743	UCCAGCAC G UUGUAGGC	12902	UUUGCCUA GCCGAAAGGCGAGUGAGGUCU AACGUGCU	31278
5290	5740	AGCACGUU G UAGGCAAA	12903	GCCCUUUG GCCGAAAGGCGAGUGAGGUCU CUACAACG	31279
5294	5736	CGUUGUAG G CAAAGGGC	12904	UGAGAUUG GCCGAAAGGCGAGUGAGGUCU CCUUUGCC	31280
5301	5729	GGCAAAGG G CAAUCUCA		GGUUUGUG GCCGAAAGGCGAGUGAGGUCU CUAGUGUC	31281
5329	5701	GACACUAG G CACAAACC	12906	CGGAAGA GCCGAAAGGCGAGUGAGGUCU GGUUUGGU	31282
5343	5687	ACCAAACC G UCUUCCCG		AGAAUACA GCCGAAAGGCGAGUGAGGUCU CGGGAAGA	31283
5352	5678	UCUUCCCG G UGUAUUCU	12908	ACAGAAUA GCCGAAAGGCGAGUGAGGUCU ACCGGGAA	31284
5354	5676	UUCCCGGU G UAUUCUGU		ACAGAAUA GCCGAAAGGCGAGUGAGGUCU ACCGGGAA AUGGAUCA GCCGAAAGGCGAGUGAGGUCU AGAAUACA	31285
5361	5669	UGUAUUCU G UGAUCCAU	12910	UCUGGAUA GCCGAAAGGCGAGUGAGGUCU GAAUGGAU	31286
5372	5658	AUCCAUUC G UAUCCAGA	12911	GCUUGGAA GCCGAAAGGCGAGUGAGGUCU UCUGGAUA	31287
5381	5649	UAUCCAGA G UUCCAAGC		GGAUCGAG GCCGAAAGGCGAGUGAGGUCU UUGGAACU	31288
5388	5642	AGUUCCAA G CUCGAUCC	12913	CUUACAGA GCCGAAAGGCGAGUGAGGUCU UGAGAUCC	31289
5406	5624	GGAUCUCA G UCUGUAAG CUCAGUCU G UAAGUCGG	12915	CCGACUUA GCCGAAAGGCGAGUGAGGUCU AGACUGAG	31290
5410	5620	GUCUGUAA G UCGGAAAU	12916	AUJUCCGA GCCGAAAGGCGAGUGAGGUCU UUACAGAC	31291
5414	5616	GGAAAUUG G UGAAUUGG	12917	CCAAUUCA GCCGAAAGGCGAGUGAGGUCU CAAUUUCC	31292
5425	5605	GAUCUGAA G UGCCUGGU	12918	ACCAGGCA GCCGAAAGGCGAGUGAGGUCU UUCAGAUC	31293
5454 5456	5576 5574	UCUGAAGU G CCUGGUGG	12919	CCACCAGG GCCGAAAGGCGAGUGAGGUCU ACUUCAGA	31294
	5569	AGUGCCUG G UGGGGUGG	12920	CCACCCA GCCGAAAGGCGAGUGAGGUCU CAGGCACU	31295
5461 5466	5564	CUGGUGGG G UGGCUGUC	12921	GACAGCCA GCCGAAAGGCGAGUGAGGUCU CCCACCAG	31296
5469	5561	GUGGGGUG G CUGUCAUG	12922	CAUGACAG GCCGAAAGGCGAGUGAGGUCU CACCCCAC	31297
5472	5558	GGGUGGCU G UCAUGAAU	12923	AUUCAUGA GCCGAAAGGCGAGUGAGGUCU AGCCACCC	31298
5484	5546	UGAAUAUU G CCGCCGCC	12924	GGCGCGG GCCGAAAGGCGAGUGAGGUCU AAUAUUCA	31299
5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GCCGAAAGGCGAGUGAGGUCU GGCAAUAU	31300
5490	5540	UUGCCGCC G CCUCCCCU	12926	AGGGGAGG GCCGAAAGGCGAGUGAGGUCU GGCGGCAA	31301
5500	5530	CUCCCCUA G CUCGACCU	12927	AGGUCGAG GCCGAAAGGCGAGUGAGGUCU UAGGGGAG	31302
5511	5519	CGACCUUU G UGGAAAUG	12928	CAUUUCCA GCCGAAAGGCGAGUGAGGUCU AAAGGUCG	31303
5519	5511	GUGGAAAU G UAACCUCU	12929	AGAGGUUA GCCGAAAGGCGAGUGAGGUCU AUUUCCAC	31304
5529	5501	AACCUCUU G CUGCAAUG	12930	CAUUGCAG GCCGAAAGGCGAGUGAGGUCU AAGAGGUU	31305
5532	5498	CUCUUGCU G CAAUGCUA	12931	UAGCAUUG GCCGAAAGGCGAGUGAGGUCU AGCAAGAG	31306
5537	5493	GCUGCAAU G CUAGCUGG	12932	CCAGCUAG GCCGAAAGGCGAGUGAGGUCU AUUGCAGC	31307
5541	5489	CAAUGCUA G CUGGGUCG	12933		31308
5546	5484	CUAGCUGG G UCGGUGAA	12934	<u></u>	31309
5550	5480	CUGGGUCG G UGAAAUGA	12935	UCAUUUCA GCCGAAAGGCGAGUGAGGUCU CGACCCAG	31310
5559	5471	UGAAAUGA G CCUCAUCC	12936		31311
5579	5451	ACGAACAG G UUGUAGUU	12937		31312
5582	5448	AACAGGUU G UAGUUCGG	12938		31313
5585	5445	AGGUUGUA G UUCGGCAC	12939		31314
5590	5440	GUAGUUCG G CACCCUGU	12940	ACAGGGUG GCCGAAAGGCGAGUGAGGUCU CGAACUAC	31315
5597	5433	GGCACCCU G UGAGGAGA	12941	UCUCCUCA GCCGAAAGGCGAGUGAGGUCU AGGGUGCC	31316
5611	5419	AGACAUCA G CCUGUGGG	12942	CCCACAGG GCCGAAAGGCGAGUGAGGUCU UGAUGUCU	31317
5615	5415	AUCAGCCU G UGGGUGAG	12943	CUCACCCA GCCGAAAGGCGAGUGAGGUCU AGGCUGAU	31318
5619	5411	GCCUGUGG G UGAGGGUA	12944	UACCCUCA GCCGAAAGGCGAGUGAGGUCU CCACAGGC	31319
5625	5405	GGGUGAGG G UAGCAUGA	12945	UCAUGCUA GCCGAAAGGCGAGUGAGGUCU CCUCACCC	31320
5628	5402	UGAGGGUA G CAUGACAC	12946		31321
5665	5365	UCCAUUAU G UUCUCUGG	12947		31322
5674	5356	UUCUCUGG G CACUGCGG	12948		31323
5679	5351	UGGGCACU G CGGAUGUC	12949	GACAUCCG GCCGAAAGGCGAGUGAGGUCU AGUGCCCA	31324

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Table X

					33305
5685	5345	CUGCGGAU G UCUGGUAC	12950	GUACCAGA GCCGAAAGGCGAGUGAGGUCU AUCCGCAG	31325
5690	5340	GAUGUCUG G UACCGGAU	12951	AUCCGGUA GCCGAAAGGCGAGUGAGGUCU CAGACAUC	31326
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACUG GCCGAAAGGCGAGUGAGGUCU CCAUCCGG	31327
5704	5326	GAUGGGCA G UCCUCUCA	12953	UGAGAGGA GCCGAAAGGCGAGUGAGGUCU UGCCCAUC	31328
5713	5317	UCCUCUCA G UGCUUCAG	12954	CUGAAGCA GCCGAAAGGCGAGUGAGGUCU UGAGAGGA	31329
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCUGAAG GCCGAAAGGCGAGUGAGGUCU ACUGAGAG	31330
5721	5309	GUGCUUCA G CCAUCUCA	12956	UGAGAUGG GCCGAAAGGCGAGUGAGGUCU UGAAGCAC	31331
5730	5300	CCAUCUCA G CAGCCACA	12957	UGUGGCUG GCCGAAAGGCGAGUGAGGUCU UGAGAUGG	31332
5733	5297	UCUCAGCA G CCACAACC	12958	GGUUGUGG GCCGAAAGGCGAGUGAGGUCU UGCUGAGA	31333
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GCCGAAAGGCGAGUGAGGUCU CAGGGUUG	31334
5749	5281	CCUGGUUG G UGCUAGCA	12960	UGCUAGCA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31335
5751	5279	UGGUUGGU G CUAGCACG	12961	CGUGCUAG GCCGAAAGGCGAGUGAGGUCU ACCAACCA	31336
5755	5275	UGGUGCUA G CACGGCUG	12962	CAGCCGUG GCCGAAAGGCGAGUGAGGUCU UAGCACCA	31337
5760	5270	CUAGCACG G CUGUUCUC	12963	GAGAACAG GCCGAAAGGCGAGUGAGGUCU CGUGCUAG	31338
5763	5267	GCACGGCU G UUCUCAGU	12964	ACUGAGAA GCCGAAAGGCGAGUGAGGUCU AGCCGUGC	31339
5770	5260	UGUUCUCA G UCUUCUGU	12965	ACAGAAGA GCCGAAAGGCGAGUGAGGUCU UGAGAACA	31340
5777	5253	AGUCUUCU G UUUAUGGC	12966	GCCAUAAA GCCGAAAGGCGAGUGAGGUCU AGAAGACU	31341
5784	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GCCGAAAGGCGAGUGAGGUCU CAUAAACA	31342
5800	5230	GAUGAUCU G UGGCAGAA	12968	UUCUGCCA GCCGAAAGGCGAGUGAGGUCU AGAUCAUC	31343
5803	5227	GAUCUGUG G CAGAAUCC	12969	GGAUUCUG GCCGAAAGGCGAGUGAGGUCU CACAGAUC	31344
5817	5213	UCCUCCUU G UUUUACCG	12970	CGGUAAAA GCCGAAAGGCGAGUGAGGUCU AAGGAGGA	31345
5826	5204	UUUUACCG G CGCCGGGA	12971	UCCCGGCG GCCGAAAGGCGAGUGAGGUCU CGGUAAAA	31346
5828	5202	UUACCGGC G CCGGGAUG	12972	CAUCCOGG GCCGAAAGGCGAGUGAGGUCU GCCGGUAA	31347
5845	5185	GAGAUCCA G UACAGUGA	12973	UCACUGUA GCCGAAAGGCGAGUGAGGUCU UGGAUCUC	31348
5850	5180	CCAGUACA G UGAUCUGU	12974	ACAGAUCA GCCGAAAGGCGAGUGAGGUCU UGUACUGG	31349
5857	5173	AGUGAUCU G UUUUUUCC	12975	GGAAAAA GCCGAAAGGCGAGUGAGGUCU AGAUCACU	31350
5869	5161	UUUCCUCA G CAUCUCAG	12976	CUGAGAUG GCCGAAAGGCGAGUGAGGUCU UGAGGAAA	31351
5878	5152	CAUCUCAG G UUCGAAUC	12977	GAUUCGAA GCCGAAAGGCGAGUGAGGUCU CUGAGAUG	31352
5889	5141	CGAAUCCG G CUGGGAUU	12978	AAUCCCAG GCCGAAAGGCGAGUGAGGUCU CGGAUUCG	31353
5899	5131	UGGGAUUG G CUCAUCCA	12979	UGGAUGAG GCCGAAAGGCGAGUGAGGUCU CAAUCCCA	31354
5920	5110	UUCACCCU G CACUAUCG	12980	CGAUAGUG GCCGAAAGGCGAGUGAGGUCU AGGGUGAA	31355
5928	5102	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GCCGAAAGGCGAGUGAGGUCU GAUAGUGC	31356
5930	5100	ACUAUCGC G CUUAUGUA	12982	UACAUAAG GCCGAAAGGCGAGUGAGGUCU GCGAUAGU	31357
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCUCAUA GCCGAAAGGCGAGUGAGGUCU AUAAGCGC	31358
5942	5088	AUGUAUGA G CCGUUGGG	12984	CCCAACGG GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31359
5945	5085	UAUGAGCC G UUGGGCAU	12985	AUGCCCAA GCCGAAAGGCGAGUGAGGUCU GGCUCAUA	31360
5950	5080	GCCGUUGG G CAUUAUGA	12986	UCAUAAUG GCCGAAAGGCGAGUGAGGUCU CCAACGGC	31361
5966	5064	ACUCCAUU G CCAUAAAG	12987	CUUUAUGG GCCGAAAGGCGAGUGAGGUCU AAUGGAGU	31362
5974	5056	GCCAUAAA G CCCAAUCA	12988	UGAUUGGG GCCGAAAGGCGAGUGAGGUCU UUUAUGGC	31363
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GCCGAAAGGCGAGUGAGGUCU GGUGAUGU	31364
5996	5034	CCGUUUUU G UCCACUAU	12990	AUAGUGGA GCCGAAAGGCGAGUGAGGUCU AAAAACGG	31365
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCUCA GCCGAAAGGCGAGUGAGGUCU CAAUAGUG	31366
6011	5019	AUUGGUGA G CCUGAUGU	12992	ACAUCAGG GCCGAAAGGCGAGUGAGGUCU UCACCAAU	31367
6018	5012	AGCCUGAU G UUCCAGUG	12993	CACUGGAA GCCGAAAGGCGAGUGAGGUCU AUCAGGCU	31368
6024	5006	AUGUUCCA G UGGGGAAG	12994		31369
6032	4998	GUGGGGAA G UCCAAAGU	12995	<del> </del>	31370
6039	4991	AGUCCAAA G UCACGGCC	12996	<u> </u>	31371
6045	4985	AAGUCACG G CCCCGAUU	12997		31372
6064	4966	UCCUUCAG G UGUUUUGA	12998		31373
6066	4964	CUUCAGGU G UUUUGAAC	12999		31374
6082	4948	CACCCUG G UUUCGUCU	13000		31375
6087	4943	CUGGUUUC G UCUGGACG	13001	<u> </u>	31376
6095	4935	GUCUGGAC G UUCUUAAC	13002		31377
6104	4926	UUCUUAAC G UUCUUGCC	13003	<u> </u>	31378
6110	4920	ACGUUCUU G CCAGGUUC	13004	<u></u>	31378
6115	4915	CUUGCCAG G UUCCACCA	13005	<u> </u>	31379
6133	4897	AAUCAUCU G CACCUCAU	13005	<u></u>	31380
6145	4885	CUCAUCCU G CCCGUUCC	13007		31381
6149	4881	UCCUGCCC G UUCCACUU	+		
6158	4872	UUCCACUU G UGCUGCAA	13008		31383
6160	4872	CCACUUGU G CUGCAAUU	13009		31384
6163		CUUGUGCU G CAAUUUCC	13010	<del></del>	31385
0103	4867	COOGUGCO G CAAOOUCC	13011	GGAAAUUG GCCGAAAGGCGAGUGAGGUCU AGCACAAG	31386

Table X

					21202
6175	4855	UUUCCAGG G UCCUCCGU	13012	ACGGAGGA GCCGAAAGGCGAGUGAGGUCU CCUGGAAA	31387
6182	4848	GGUCCUCC G UAACAAAG	13013	CUUUGUUA GCCGAAAGGCGAGUGAGGUCU GGAGGACC	31388
6190	4840	GUAACAAA G UCGAUCCU	13014	AGGAUCGA GCCGAAAGGCGAGUGAGGUCU UUUGUUAC	31389
6209	4821	UUGACACU G CCCCAGUA	13015	UACUGGGG GCCGAAAGGCGAGUGAGGUCU AGUGUCAA	31390
6215	4815	CUGCCCCA G UAUGGGUC	13016	GACCCAUA GCCGAAAGGCGAGUGAGGUCU UGGGGCAG	31391
6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCUGGA GCCGAAAGGCGAGUGAGGUCU CCAUACUG	31392
6227	4803	GGGUCCAG G CGGCCCUC	13018	GAGGGCCG GCCGAAAGGCGAGUGAGGUCU CUGGACCC	31393
6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG GCCGAAAGGCGAGUGAGGUCU CGCCUGGA	31394
6239	4791	CCCUCUCC G CUCAUCAA	13020	UUGAUGAG GCCGAAAGGCGAGUGAGGUCU GGAGAGGG	31395
6249	4781	UCAUCAAA G CGGCUCCU	13021	AGGAGCCG GCCGAAAGGCGAGUGAGGUCU UUUGAUGA	31396
6252	4778	UCAAAGCG G CUCCUUUU	13022	AAAAGGAG GCCGAAAGGCGAGUGAGGUCU CGCUUUGA	31397
6261	4769	CUCCUUUU G UUGUAUGC	13023	GCAUACAA GCCGAAAGGCGAGUGAGGUCU AAAAGGAG	31398
6264	4766	CUUUUGUU G UAUGCCAA	13024	UUGGCAUA GCCGAAAGGCGAGUGAGGUCU AACAAAAG	31399
6268	4762	UGUUGUAU G CCAAAGGG	13025	CCCUUUGG GCCGAAAGGCGAGUGAGGUCU AUACAACA	31400
6276	4754	GCCAAAGG G UGUGGAAA	13026	UUUCCACA GCCGAAAGGCGAGUGAGGUCU CCUUUGGC	31401
6278	4752	CAAAGGGU G UGGAAAAC	13027	GUUUUCCA GCCGAAAGGCGAGUGAGGUCU ACCCUUUG	31402
6302	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GCCGAAAGGCGAGUGAGGUCU GUGAUGGU	31403
6306	4724	UCACGCCC G CUCCUGCU	13029	AGCAGGAG GCCGAAAGGCGAGUGAGGUCU GGGCGUGA	31404
6312	4718	CCGCUCCU G CUUGAUAA	13030	UUAUCAAG GCCGAAAGGCGAGUGAGGUCU AGGAGCGG	31405
6323	4707	UGAUAACU G CCGAGCAG	13031	CUGCUCGG GCCGAAAGGCGAGUGAGGUCU AGUUAUCA	31406
6328	4702	ACUGCCGA G CAGCCCAC	13032	GUGGGCUG GCCGAAAGGCGAGUGAGGUCU UCGGCAGU	31407
6331	4699	GCCGAGCA G CCCACGAG	13033	CUCGUGGG GCCGAAAGGCGAGUGAGGUCU UGCUCGGC	31408
6339	4691	GCCCACGA G UCAUGAUC	13034	GAUCAUGA GCCGAAAGGCGAGUGAGGUCU UCGUGGGC	31409
6350	4680	AUGAUCCU G UAGACGCC	13035	GGCGUCUA GCCGAAAGGCGAGUGAGGUCU AGGAUCAU	31410
6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GCCGAAAGGCGAGUGAGGUCU GUCUACAG	31411
6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GCCGAAAGGCGAGUGAGGUCU CGGCGUCU	31412
6363	4667	CGCCGGUG G UCGUGUCC	13038	GGACACGA GCCGAAAGGCGAGUGAGGUCU CACCGGCG	31413
6366	4664	CGGUGGUC G UGUCCCCC	13039	GGGGGACA GCCGAAAGGCGAGUGAGGUCU GACCACCG	31414
6368	4662	GUGGUCGU G UCCCCCUU	13040	AAGGGGGA GCCGAAAGGCGAGUGAGGUCU ACGACCAC AAGGAGUA GCCGAAAGGCGAGUGAGGUCU AAAAAGGG	ļ
6380	4650	CCCUUUUU G UACUCCUU	13041	CUCCCUCA GCCGAAAGGCGAGUGAGGUCU CAAAAGGAG	31416
6391	4639	CUCCUUUG G UGAGGGAG	13042	GUGGGACA GCCGAAAGGCGAGUGAGGUCU UCCCUCAC	31417
6399	4631	GUGAGGGA G UGUCCCAC GAGGGAGU G UCCCACAA	13043	UUGUGGA GCCGAAAGGCGAGUGAGGUCU ACUCCCUC	31418 31419
6401	4629	CACAACAC G CCUCCUCU	13045	AGAGGAGG GCCGAAAGGCGAGUGAGGUCU GUGUUGUG	31420
6413	4617 4604	CUCUCUUU G UGUAUUGG	13045	CCAAUACA GCCGAAAGGCGAGUGAGGUCU AAAGAGAG	31421
6426	4602	CUCUUUGU G UAUUGGAG	13047	CUCCAAUA GCCGAAAGGCGAGUGAGGUCU ACAAAGAG	31422
6438	4592	AUUGGAGA G UUAUCCAA	13048	UUGGAUAA GCCGAAAGGCGAGUGAGGUCU UCUCCAAU	31423
6463	4567	UACUGAGG G CAAGAUUG	13049	CAAUCUUG GCCGAAAGGCGAGUGAGGUCU CCUCAGUA	31424
6471	4559	GCAAGAUU G CCCAGGGG	13050	CCCCUGGG GCCGAAAGGCGAGUGAGGUCU AAUCUUGC	31425
6480	4550	CCCAGGG G UGUACGCA	13051	UGCGUACA GCCGAAAGGCGAGUGAGGUCU CCCCUGGG	31426
6482	4548	CAGGGGGU G UACGCACU	13052	AGUGCGUA GCCGAAAGGCGAGUGAGGUCU ACCCCCUG	31427
6486	4544	GGGUGUAC G CACUAAUC	13053	GAUUAGUG GCCGAAAGGCGAGUGAGGUCU GUACACCC	31428
6495	4535	CACUAAUC G CGAGACAG	13054	CUGUCUCG GCCGAAAGGCGAGUGAGGUCU GAUUAGUG	31429
6514	4516	CAUUCUGA G CAUCCAUA	13055	UAUGGAUG GCCGAAAGGCGAGUGAGGUCU UCAGAAUG	31430
6532	4498	CUUCCAAG G UGCUCCUG	13056	CAGGAGCA GCCGAAAGGCGAGUGAGGUCU CUUGGAAG	31431
6534	4496	UCCAAGGU G CUCCUGGA	13057		31432
6553	4477	AUUCAUGA G CUGGAAGU	13058		31433
6560	4470	AGCUGGAA G UUUCCAUC	13059		31434
6577	4453	AUCAUCAA G CCGCACAU	13060		31435
6580	4450	AUCAAGCC G CACAUCAA	13061	<del></del>	31436
6596	4434	ACUCUUUC G CUCGAGCC	13062	<u> </u>	31437
6602	4428	UCGCUCGA G CCUGUAAU	13063	<u> </u>	31438
6606	4424	UCGAGCCU G UAAUUUCU	13064	<u> </u>	31439
6615	4415	UAAUUUCU G CAUCACUU	13065		31440
6635	4395	CAGGAAAU G UCCGCCGU	13066		31441
6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GCCGAAAGGCGAGUGAGGUCU GGACAUUU	31442
6642	4388	UGUCCGCC G UUCUCUCA	13068	UGAGAGAA GCCGAAAGGCGAGUGAGGUCU GGCGGACA	31443
6663	4367	ACAUAUCU G UUGAUUUC	13069	GAAAUCAA GCCGAAAGGCGAGUGAGGUCU AGAUAUGU	31444
6687	4343	UCACGAAA G CAGCAAAC	13070	GUUUGCUG GCCGAAAGGCGAGUGAGGUCU UUUCGUGA	31445
6690	4340	CGAAAGCA G CAAACAUG	13071	<del></del>	31446
6700	4330	AAACAUGA G CCCCGCGA	13072	<u> </u>	31447
6705	4325	UGAGCCCC G CGAUAGUC	13073	GACUAUCG GCCGAAAGGCGAGUGAGGUCU GGGGCUCA	31448

Table X

6711	4319	CCGCGAUA G UCAUUGGA	13074	UCCAAUGA GCCGAAAGGCGAGUGAGGUCU UAUCGCGG	31449
6723	4307	UUGGAAUG G CCAUGGAG	13075	CUCCAUGG GCCGAAAGGCGAGUGAGGUCU CAUUCCAA	31450
6731	4299	GCCAUGGA G UCAAUGUC	13076	GACAUUGA GCCGAAAGGCGAGUGAGGUCU UCCAUGGC	31451
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCUUGA GCCGAAAGGCGAGUGAGGUCU AUUGACUC	31452
6742	4288	AAUGUCAA G CUCUGCCA	13078	UGGCAGAG GCCGAAAGGCGAGUGAGGUCU UUGACAUU	31453
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCUGG GCCGAAAGGCGAGUGAGGUCU AGAGCUUG	31454
6751	4279	CUCUGCCA G CCCUCCGA	13080	UCGGAGGG GCCGAAAGGCGAGUGAGGUCU UGGCAGAG	31455
6765	4265	CGACGAUG G CAAACAUU	13081	AAUGUUUG GCCGAAAGGCGAGUGAGGUCU CAUCGUCG	31456
6776	4254	AACAUUAG G CCGACAGC	13082	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU CUAAUGUU	31457
6783	4247	GGCCGACA G CUGUCAUC	13083	GAUGACAG GCCGAAAGGCGAGUGAGGUCU UGUCGGCC	31458
6786	4244	CGACAGCU G UCAUCACU	13084	AGUGAUGA GCCGAAAGGCGAGUGAGGUCU AGCUGUCG	31459
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA GCCGAAAGGCGAGUGAGGUCU UGAAGUGA	31460
		CUUCAGUU G CGGGCCAU	13086	AUGGCCCG GCCGAAAGGCGAGUGAGGUCU AACUGAAG	31461
6801	4229	AGUUGCGG G CCAUCCGC	13087	GCGGAUGG GCCGAAAGGCGAGUGAGGUCU CCGCAACU	31462
-	4225				
6812	4218	GGCCAUCC G CGUUUACG	13088	CGUAAACG GCCGAAAGGCGAGUGAGGUCU GGAUGGCC	31463
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGUAAA GCCGAAAGGCGAGUGAGGUCU GCGGAUGG	31464
6821	4209	CGUUUACG G UUGGGAUC	13090	GAUCCCAA GCCGAAAGGCGAGUGAGGUCU CGUAAACG	31465
6834	4196	GAUCACAU G CAAUCAGU	13091	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU AUGUGAUC	31466
6841	4189	UGCAAUCA G UCCAGCAG	13092	CUGCUGGA GCCGAAAGGCGAGUGAGGUCU UGAUUGCA	31467
6846	4184	UCAGUCCA G CAGCAAGG	13093	CCUUGCUG GCCGAAAGGCGAGUGAGGUCU UGGACUGA	31468
6849	4181	GUCCAGCA G CAAGGAUC	13094	GAUCCUUG GCCGAAAGGCGAGUGAGGUCU UGCUGGAC	31469
6863	4167	AUCAUGGG G UUGAAAAG	13095	CUUUUCAA GCCGAAAGGCGAGUGAGGUCU CCCAUGAU	31470
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GCCGAAAGGCGAGUGAGGUCU UUUUCAAC	31471
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCUCAA GCCGAAAGGCGAGUGAGGUCU AGGACUUU	31472
6882	4148	CUGUUGAG G CUAGAGCC	13098	GGCUCUAG GCCGAAAGGCGAGUGAGGUCU CUCAACAG	31473
6888	4142	AGGCUAGA G CCAAGCAU	13099	AUGCUUGG GCCGAAAGGCGAGUGAGGUCU UCUAGCCU	31474
6893	4137	AGAGCCAA G CAUAGCAG	13100	CUGCUAUG GCCGAAAGGCGAGUGAGGUCU UUGGCUCU	31475
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGUCUG GCCGAAAGGCGAGUGAGGUCU UAUGCUUG	31476
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GCCGAAAGGCGAGUGAGGUCU AAGUCUGC	31477
6921	4109	UCUUUUUU G CAGCUGCA	13103	UGCAGCUG GCCGAAAGGCGAGUGAGGUCU AAAAAAGA	31478
6924	4106	UUUUUGCA G CUGCACUC	13104	GAGUGCAG GCCGAAAGGCGAGUGAGGUCU UGCAAAAA	31479
6927	4103	UUGCAGCU G CACUCCUC	13105	GAGGAGUG GCCGAAAGGCGAGUGAGGUCU AGCUGCAA	31480
6950	4080	CUGAUCAA G CUGCCUAU	13106	AUAGGCAG GCCGAAAGGCGAGUGAGGUCU UUGAUCAG	31481
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAAUAGG GCCGAAAGGCGAGUGAGGUCU AGCUUGAU	31482
6973	4057	CAUCAACA G CAGUAUCC	13108	GGAUACUG GCCGAAAGGCGAGUGAGGUCU UGUUGAUG	31483
6976	4054	CAACAGCA G UAUCCUGU	13109	ACAGGAUA GCCGAAAGGCGAGUGAGGUCU UGCUGUUG	31484
6983	4047	AGUAUCCU G UACACAUC	13110	GAUGUGUA GCCGAAAGGCGAGUGAGGUCU AGGAUACU	31485
7001	4029	AGAUUCAA G CAUCUCAG	13111	CUGAGAUG GCCGAAAGGCGAGUGAGGUCU UUGAAUCU	31486
7009	4021	GCAUCUCA G CCCGGGUG	13112	CACCCGGG GCCGAAAGGCGAGUGAGGUCU UGAGAUGC	31487
7015	4015	CAGCCCGG G UGUUAGCA	13113	UGCUAACA GCCGAAAGGCGAGUGAGGUCU CCGGGCUG	31488
7017	4013	GCCCGGGU G UUAGCAGG	13114	CCUGCUAA GCCGAAAGGCGAGUGAGGUCU ACCCGGGC	31489
7021	4009	GGGUGUUA G CAGGGCUA	13115	UAGCCCUG GCCGAAAGGCGAGUGAGGUCU UAACACCC	31490
7021	4004	UUAGCAGG G CUAGCAGC	13116	GCUGCUAG GCCGAAAGGCGAGUGAGGUCU CCUGCUAA	31491
7030	4000	CAGGGCUA G CAGCGGAA	13117	UUCCGCUG GCCGAAAGGCGAGUGAGGUCU UAGCCCUG	31491
7033	3997	GGCUAGCA G CGGAACAA	13118	UUGUUCCG GCCGAAAGGCGAGUGAGGUCU UGCUAGCC	22.22
7046	3984	ACAACCAC G UUUGAUGU	13119	ACAUCAAA GCCGAAAGGCGAGUGAGGUCU GUGGUUGU	31493
7053	3977	CGUUUGAU G UCGUUGUG	13120	CACAACGA GCCGAAAGGCGAGUGAGGUCU AUCAAACG	
7056	3974	UUGAUGUC G UUGUGAAU	13121	AUUCACAA GCCGAAAGGCGAGUGAGGUCU GACAUCAA	31495
7059	3974	AUGUCGUU G UGAAUGUU	13121	AUDCACAA GCCGAAAGGCGAGUGAGGUCU GACAUCAA  AACAUUCA GCCGAAAGGCGAGUGAGGUCU AACGACAU	31496
7065	3965	UUGUGAAU G UUAUGGCU	13122		31497
7071		AUGUUAUG G CUCUCAGU		AGCCAUAA GCCGAAAGGCGAGUGAGGUCU AUUCACAA	31498
7078	3959	GGCUCUCA G UAUCAUCC	13124	ACUGAGAG GCCGAAAGGCGAGUGAGGUCU CAUAACAU	31499
-	3952		13125	GGAUGAUA GCCGAAAGGCGAGUGAGGUCU UGAGAGCC	31500
7089	3941	UCAUCCAA G CUACCGCC	13126	GGCGGUAG GCCGAAAGGCGAGUGAGGUCU UUGGAUGA	31501
7095	3935	AAGCUACC G CCAGUGAA	13127	UUCACUGG GCCGAAAGGCGAGUGAGGUCU GGUAGCUU	31502
	3931	UACCGCCA G UGAAUUCA	13128	UGAAUUCA GCCGAAAGGCGAGUGAGGUCU UGGCGGUA	31503
7129	3901	CUCCCAGA G CAGAAUUU	13129	AAAUUCUG GCCGAAAGGCGAGUGAGGUCU UCUGGGAG	31504
7139	3891	AGAAUUUG G CGGGCAUC	13130	GAUGCCCG GCCGAAAGGCGAGUGAGGUCU CAAAUUCU	31505
7143	3887	UUUGGCGG G CAUCGUGA	13131	UCACGAUG GCCGAAAGGCGAGUGAGGUCU CCGCCAAA	31506
7148	3882	CGGGCAUC G UGAUAAGC	13132	GCUUAUCA GCCGAAAGGCGAGUGAGGUCU GAUGCCCG	31507
7155	3875	CGUGAUAA G CCAUUUGA	13133	UCAAAUGG GCCGAAAGGCGAGUGAGGUCU UUAUCACG	31508
7173	3857	AGAAAACA G CCGCCAAC	13134	GUUGGCGG GCCGAAAGGCGAGUGAGGUCU UGUUUUCU	31509
7176	3854	AAACAGCC G CCAACAUC	13135	GAUGUUGG GCCGAAAGGCGAGUGAGGUCU GGCUGUUU	31510

Table X

7193	3837	AACAAAAU G UUCUCCUG	13136	CAGGAGAA GCCGAAAGGCGAGUGAGGUCU AUUUUGUU	31511
7202	3828	UUCUCCUG G UUGGUCCA	13137	UGGACCAA GCCGAAAGGCGAGUGAGGUCU CAGGAGAA	31512
7206	3824	CCUGGUUG G UCCAUCUC	13138	GAGAUGGA GCCGAAAGGCGAGUGAGGUCU CAACCAGG	31513
7215	3815	UCCAUCUC G CUUUGAGA	13139	UCUCAAAG GCCGAAAGGCGAGUGAGGUCU GAGAUGGA	31514
7230	3800	GAAACGAU G CCACCAUA	13140	UAUGGUGG GCCGAAAGGCGAGUGAGGUCU AUCGUUUC	31515
7246	3784	AAACACUG G UUGUAUCU	13141	AGAUACAA GCCGAAAGGCGAGUGAGGUCU CAGUGUUU	31516
7249	3781	CACUGGUU G UAUCUUGA	13142	UCAAGAUA GCCGAAAGGCGAGUGAGGUCU AACCAGUG	31517
	3770	UCUUGAAG G UCGCCAUG	13143	CAUGGCGA GCCGAAAGGCGAGUGAGGUCU CUUCAAGA	31518
7260		UGAAGGUC G CCAUGAGC	13144	GCUCAUGG GCCGAAAGGCGAGUGAGGUCU GACCUUCA	31519
7263	3767		13145	ACUUGGCG GCCGAAAGGCGAGUGAGGUCU UCAUGGCG	31520
7270	3760	CGCCAUGA G CGCCAAGU		ACACUUGG GCCGAAAGGCGAGUGAGGUCU GCUCAUGG	31521
7272	3758	CCAUGAGC G CCAAGUGU	13146		31522
7277	3753	AGCGCCAA G UGUACCAC	13147	GUGGUACA GCCGAAAGGCGAGUGAGGUCU UUGGCGCU	
7279	3751	CGCCAAGU G UACCACGU	13148	ACGUGGUA GCCGAAAGGCGAGUGAGGUCU ACUUGGCG	31523
7286	3744	UGUACCAC G UCUCCUCC	13149	GGAGGAGA GCCGAAAGGCGAGUGAGGUCU GUGGUACA	31524
7308	3722	UAGAUUCU G CGAAAGCU	13150	AGCUUUCG GCCGAAAGGCGAGUGAGGUCU AGAAUCUA	31525
7314	3716	CUGCGAAA G CUGCCCCC	13151	GGGGCAG GCCGAAAGGCGAGUGAGGUCU UUUCGCAG	31526
7317	3713	CGAAAGCU G CCCCCACC	13152	GGUGGGG GCCGAAAGGCGAGUGAGGUCU AGCUUUCG	31527
7337	3693	AUGACAUA G CGUAACAC	13153	GUGUUACG GCCGAAAGGCGAGUGAGGUCU UAUGUCAU	31528
7339	3691	GACAUAGC G UAACACAU	13154	AUGUGUUA GCCGAAAGGCGAGUGAGGUCU GCUAUGUC	31529
7350	3680	ACACAUCA G UGUAAGUA	13155	UACUUACA GCCGAAAGGCGAGUGAGGUCU UGAUGUGU	31530
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUUACUUA GCCGAAAGGCGAGUGAGGUCU ACUGAUGU	31531
		CAGUGUAA G UAAUGCCC	13157	GGGCAUUA GCCGAAAGGCGAGUGAGGUCU UUACACUG	31532
7356	3674		13158	UUUGGGGG GCCGAAAGGCGAGUGAGGUCU AUUACUUA	31533
7361	3669	UAAGUAAU G CCCCCAAA		UUGCUCUG GCCGAAAGGCGAGUGAGGUCU UAGUCCUG	31534
7381	3649	CAGGACUA G CAGAGCAA	13159		31535
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGAUUG GCCGAAAGGCGAGUGAGGUCU UCUGCUAG	
7393	3637	AGCAAUCA G UAUAGCUG	13161	CAGCUAUA GCCGAAAGGCGAGUGAGGUCU UGAUUGCU	31536
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG GCCGAAAGGCGAGUGAGGUCU UAUACUGA	31537
7402	3628	UAUAGCUG G CAUGCUGA	13163	UCAGCAUG GCCGAAAGGCGAGUGAGGUCU CAGCUAUA	31538
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGAUCAG GCCGAAAGGCGAGUGAGGUCU AUGCCAGC	31539
7416	3614	UGAUCUUG G CUGUCCAC	13165	GUGGACAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31540
7419	3611	UCUUGGCU G UCCACCUC	13166	GAGGUGGA GCCGAAAGGCGAGUGAGGUCU AGCCAAGA	31541
7430	3600	CACCUCUU G CGAAGGAC	13167	GUCCUUCG GCCGAAAGGCGAGUGAGGUCU AAGAGGUG	31542
7446	3584	CCUCCUGG G UGGCCAAG	13168	CUUGGCCA GCCGAAAGGCGAGUGAGGUCU CCAGGAGG	31543
7449	3581	CCUGGGUG G CCAAGAAC	13169	GUUCUUGG GCCGAAAGGCGAGUGAGGUCU CACCCAGG	31544
7469	3561	ACCAGAAG G CCCAACUG	13170	CAGUUGGG GCCGAAAGGCGAGUGAGGUCU CUUCUGGU	31545
	<del></del>	UGAAAAGG G UCAAUCAU	13171	AUGAUUGA GCCGAAAGGCGAGUGAGGUCU CCUUUUCA	31546
7484	3546	<del>  </del>	13172	UUAUAAUG GCCGAAAGGCGAGUGAGGUCU UGAUAUGA	31547
7497	3533	UCAUAUCA G CAUUAUAA		AGUGAAUG GCCGAAAGGCGAGUGAGGUCU UUAUAAUG	31548
7506	3524	CAUUAUAA G CAUUCACU	13173		31549
7516	3514	AUUCACUU G UGACUGCA	13174	UGCAGUCA GCCGAAAGGCGAGUGAGGUCU AAGUGAAU	
7522	3508	UUGUGACU G CACGAGGG	13175	CCCUCGUG GCCGAAAGGCGAGUGAGGUCU AGUCACAA	31550
7530	3500	GCACGAGG G UCUUUUCA	13176	UGAAAAGA GCCGAAAGGCGAGUGAGGUCU CCUCGUGC	31551
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GCCGAAAGGCGAGUGAGGUCU AUGAUGAA	31552
7549	3481	AUGUCUCU G UGGUCUGA	13178	UCAGACCA GCCGAAAGGCGAGUGAGGUCU AGAGACAU	31553
7552	3478	UCUCUGUG G UCUGAUCU	13179	AGAUCAGA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31554
7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG GCCGAAAGGCGAGUGAGGUCU UGUUGGUA	31555
7580	3450	CAACAGCC G CUGUCAGU	13181	ACUGACAG GCCGAAAGGCGAGUGAGGUCU GGCUGUUG	31556
7583	3447	CAGCCGCU G UCAGUUUG	13182	CAAACUGA GCCGAAAGGCGAGUGAGGUCU AGCGGCUG	31557
7587	3443	CGCUGUCA G UUUGGUAG	13183		31558
7592	3438	UCAGUUUG G UAGCGCAG	13184		31559
7595	3435	GUUUGGUA G CGCAGUGG	13185		31560
					31561
7597	3433	UUGGUAGC G CAGUGGUG	13186		31562
7600	3430	GUAGCGCA G UGGUGGUA	13187		
7603	3427	GCGCAGUG G UGGUAAGG	13188		31563
7606	3424	CAGUGGUG G UAAGGUGC	13189		31564
7611	3419	GUGGUAAG G UGCAGCUC	13190		31565
7613	3417	GGUAAGGU G CAGCUCCU	13191		31566
7616	3414	AAGGUGCA G CUCCUGCA	13192		31567
7622	3408	CAGCUCCU G CAGCACCA	13193	UGGUGCUG GCCGAAAGGCGAGUGAGGUCU AGGAGCUG	31568
7625	3405	CUCCUGCA G CACCAAUC	13194	GAUUGGUG GCCGAAAGGCGAGUGAGGUCU UGCAGGAG	31569
7635	3395	ACCAAUCU G UUAUCAAC	13195		31570
7649	3381	AACUUUCC G CUCUCUGU	13196		31571
7656	3374	CGCUCUCU G UGGUGGUG	13197		31572
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				UCGCACCA GCCGAAAGGCGAGUGAGGUCU CACAGAGA	31573
7659	3371	UCUCUGUG G UGGUGCGA	13198	CACUCGCA GCCGAAAGGCGAGUGAGGUCU CACCACAG	31574
7662	3368	CUGUGGUG G UGCGAGUG	13199	GCCACUCG GCCGAAAGGCGAGUGAGGUCU ACCACCAC	31575
7664	3366	GUGGUGGU G CGAGUGGC	13200	ACCUGCCA GCCGAAAGGCGAGUGAGGUCU UCGCACCA	31576
7668	3362	UGGUGOGA G UGGCAGGU	13201	UGGACCUG GCCGAAAGGCGAGUGAGGUCU CACUCGCA	31577
7671	3359	UGCGAGUG G CAGGUCCA	13202	ACCGUGGA GCCGAAAGGCGAGUGAGGUCU CUGCCACU	31578
7675	3355	AGUGGCAG G UCCACGGU	13203		31579
7682	3348	GGUCCACG G UGUCCGCA	13204	UGCGGACA GCCGAAAGGCGAGUGAGGUCU CGUGGACC	31580
7684	3346	UCCACGGU G UCCGCAGC	13205	GCUGCGGA GCCGAAAGGCGAGUGAGGUCU ACCGUGGA	31581
7688	3342	CGGUGUCC G CAGCUCUC	13206	GAGAGCUG GCCGAAAGGCGAGUGAGGUCU GGACACCG	
7691	3339	UGUCCGCA G CUCUCACU	13207	AGUGAGAG GCCGAAAGGCGAGUGAGGUCU UGCGGACA	31582
7704	3326	CACUCAGG G UGACCGUA	13208	UACGGUCA GCCGAAAGGCGAGUGAGGUCU CCUGAGUG	31583
7710	3320	GGGUGACC G UAGUUCCU	13209	AGGAACUA GCCGAAAGGCGAGUGAGGUCU GGUCACCC	31584
7713	3317	UGACCGUA G UUCCUGGG	13210	CCCAGGAA GCCGAAAGGCGAGUGAGGUCU UACGGUCA	31585
7721	3309	GUUCCUGG G CAGUAAUC	13211	GAUUACUG GCCGAAAGGCGAGUGAGGUCU CCAGGAAC	31586
7724	3306	CCUGGGCA G UAAUCGAA	13212	UUCGAUUA GCCGAAAGGCGAGUGAGGUCU UGCCCAGG	31587
7733	3297	UAAUCGAA G UCAAUCUC	13213	GAGAUUGA GCCGAAAGGCGAGUGAGGUCU UUCGAUUA	31588
7748	3282	UCUACCCG G CCUUCGUC	13214	GACGAAGG GCCGAAAGGCGAGUGAGGUCU CGGGUAGA	31589
7754	3276	CGGCCUUC G UCCCAUGG	13215	CCAUGGGA GCCGAAAGGCGAGUGAGGUCU GAAGGCCG	31590
7763	3267	UCCCAUGG G CCCUGGUU	13216	AACCAGGG GCCGAAAGGCGAGUGAGGUCU CCAUGGGA	31591
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GCCGAAAGGCGAGUGAGGUCU CAGGGCCC	31592
7774	3256	CUGGUUUU G UGUCUUGU	13218	ACAAGACA GCCGAAAGGCGAGUGAGGUCU AAAACCAG	31593
7776	3254	GGUUUUGU G UCUUGUAC	13219	GUACAAGA GCCGAAAGGCGAGUGAGGUCU ACAAAACC	31594
7781	3249	UGUGUCUU G UACCCAGG	13220	CCUGGGUA GCCGAAAGGCGAGUGAGGUCU AAGACACA	31595
7789	3241	GUACCCAG G UCUCCGAU	13221	AUCGGAGA GCCGAAAGGCGAGUGAGGUCU CUGGGUAC	31596
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAAUCA GCCGAAAGGCGAGUGAGGUCU AAUCGGAG	31597
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AAUCACAA	31598
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GCCGAAAGGCGAGUGAGGUCU GAAGCAAU	31599
7813	3217	GCUUCGUG G UCCCGCCA	13225	UGGCGGGA GCCGAAAGGCGAGUGAGGUCU CACGAAGC	31600
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACUGG GCCGAAAGGCGAGUGAGGUCU GGGACCAC	31601
7822	3208	UCCCGCCA G UGUGACUG	13227	CAGUCACA GCCGAAAGGCGAGUGAGGUCU UGGCGGGA	31602
7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGUCA GCCGAAAGGCGAGUGAGGUCU ACUGGCGG	31603
7831	3199	UGUGACUG G UAUUAUCA	13229	UGAUAAUA GCCGAAAGGCGAGUGAGGUCU CAGUCACA	31604
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGUGA GCCGAAAGGCGAGUGAGGUCU UUGAUAAU	31605
7862	3168	AUUCCAUC G CCCCACAA	13231	UUGUGGG GCCGAAAGGCGAGUGAGGUCU GAUGGAAU	31606
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCAUA GCCGAAAGGCGAGUGAGGUCU CUUGUGGG	31607
7876	3154	CAAGGUAU G CGUCUCAG	13233	CUGAGACG GCCGAAAGGCGAGUGAGGUCU AUACCUUG	31608
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GCCGAAAGGCGAGUGAGGUCU GCAUACCU	31609
7885	3145	CGUCUCAG G CCACGUAC	13235	GUACGUGG GCCGAAAGGCGAGUGAGGUCU CUGAGACG	31610
7890	3140	CAGGCCAC G UACAUGAU	13236	AUCAUGUA GCCGAAAGGCGAGUGAGGUCU GUGGCCUG	31611
7917	3113	CCAGAACU G CCCUUUCA	13237	UGAAAGGG GCCGAAAGGCGAGUGAGGUCU AGUUCUGG	31612
7927	3103	CCUUUCAA G CUUCCACG	13238	CGUGGAAG GCCGAAAGGCGAGUGAGGUCU UUGAAAGG	31613
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAAUGAUA GCCGAAAGGCGAGUGAGGUCU GUGGAAGC	31614
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GCCGAAAGGCGAGUGAGGUCU UCAAUGAU	31615
7949	3081	UUGAGCCU G CUUUCAAU	13241	AUUGAAAG GCCGAAAGGCGAGUGAGGUCU AGGCUCAA	31616
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGUGA GCCGAAAGGCGAGUGAGGUCU CUGUCCUA	31617
7976	3054	AGGUCACU G UGGAUCGC	13243		31618
7983	3034	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GCCGAAAGGCGAGUGAGGUCU GAUCCACA	31619
7988	3047	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GCCGAAAGGCGAGUGAGGUCU UUGGCGAU	31620
7991	3039	GCCAGUU G UUCUUGAC	13246	GUCAAGAA GCCGAAAGGCGAGUGAGGUCU AACUUGGC	31621
8001	3029	UCUUGACA G CCGUUCCA	13247		31622
8004	3026	UGACAGCC G UUCCAAUG	13248	CAUUGGAA GCCGAAAGGCGAGUGAGGUCU GGCUGUCA	31623
<u> </u>	3009	AUCUUCGA G UCACAUUC	13249		31624
8021	<del></del>	CACAUUCA G UUGUGUUG	13250		31625
8031	2999	AUUCAGUU G UGUUGCUC	13251		31626
<u> </u>		UCAGUUGU G UUGCUCUC	13252		31627
8036	2994	GUUGUGUU G CUCUCUCU	13253		31628
8039		ACAUCCGA G UGCUGGUG	13254	<b>1</b>	31629
<u> </u>	2963	ACAUCCGA G UGCUGGUGAG	13255		31630
8069	2961				31631
8073		GAGUGCUG G UGAGACCA	13256		31632
8105		ACUUCUAA G CUAUUCCA	13257		31633
8115		UAUUCCAA G CGCGAUUC	13258		31634
8117	2913	UUCCAAGC G CGAUUCUG	13259	CHEMANCE GECGNARGGEGRAGGGEOCO GEOOGGAA	1 31034

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8127	2903	GAUUCUGA G UCGGACAU	13260	AUGUCCGA GCCGAAAGGCGAGUGAGGUCU UCAGAAUC	31635
8142	2888	AUUCCUUG G UCUCCGGA	13261	UCCGGAGA GCCGAAAGGCGAGUGAGGUCU CAAGGAAU	31636
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GCCGAAAGGCGAGUGAGGUCU CUUUGUGG	31637
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GCCGAAAGGCGAGUGAGGUCU ACCUUUGU	31638
8171	2859	AAGGUGUU G UUGGCGAG	13264	CUCGCCAA GCCGAAAGGCGAGUGAGGUCU AACACCUU	31639
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACUCG GCCGAAAGGCGAGUGAGGUCU CAACAACA	31640
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GCCGAAAGGCGAGUGAGGUCU UCGCCAAC	31641
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUUUGCA GCCGAAAGGCGAGUGAGGUCU CAGAACUC	31642
8187	2843	GUUCUGGU G CAAAUAAA	13268	UUUAUUUG GCCGAAAGGCGAGUGAGGUCU ACCAGAAC	31643
8211	2819	UUCCCCAG G CCUUCCAG	13269	CUGGAAGG GCCGAAAGGCGAGUGAGGUCU CUGGGGAA	31644
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAAUUGG GCCGAAAGGCGAGUGAGGUCU UGGAAGGC	31645
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GCCGAAAGGCGAGUGAGGUCU GGAAAAAU	31646
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GCCGAAAGGCGAGUGAGGUCU CACGGAAA	31647
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCUCACCG GCCGAAAGGCGAGUGAGGUCU CACCACGG	31648
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCUCA GCCGAAAGGCGAGUGAGGUCU CGCCACCA	31649
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCUAAACG GCCGAAAGGCGAGUGAGGUCU CUCACCGC	31650
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCUAAA GCCGAAAGGCGAGUGAGGUCU GCCUCACC	31651
8260	2770	GCGUUUAG G UGCUGACU	13277	AGUCAGCA GCCGAAAGGCGAGUGAGGUCU CUAAACGC	31652
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGUCAG GCCGAAAGGCGAGUGAGGUCU ACCUAAAC	31653
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GCCGAAAGGCGAGUGAGGUCU AAGUCAGC	31654
8284	2746	UCCCUCCU G UUUCUCAA	13280	UUGAGAAA GCCGAAAGGCGAGUGAGGUCU AGGAGGGA	31655
8305	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GCCGAAAGGCGAGUGAGGUCU CUUAGUGU	31656
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GCCGAAAGGCGAGUGAGGUCU UCUUUUGA	31657
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCUGAA GCCGAAAGGCGAGUGAGGUCU ACUCUUUU	31658
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GCCGAAAGGCGAGUGAGGUCU UGAACACU	
8342	2688	UUCAGCUC G UCCUUCAC	13285	GUGAAGGA GCCGAAAGGCGAGUGAGGUCU GAGCUGAA	31659
					31660
8352	2678	CCUUCACU G CUUCCCAC	13286	GUGGGAAG GCCGAAAGGCGAGUGAGGUCU AGUGAAGG	31661
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACUGGAG GCCGAAAGGCGAGUGAGGUCU AUCAAAUG	31662
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GCCGAAAGGCGAGUGAGGUCU UGGAGCAU	31663
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGUCUA GCCGAAAGGCGAGUGAGGUCU GAUCAGUU	31664
8396	2634	CGUAGACC G CACACUCC	13290	GGAGUGUG GCCGAAAGGCGAGUGAGGUCU GGUCUACG	31665
8415	2615	CCUUAUGA G CUUUCUGA	13291	UCAGAAAG GCCGAAAGGCGAGUGAGGUCU UCAUAAGG	31666
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCUAG GCCGAAAGGCGAGUGAGGUCU CAAGAUCA	31667
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GCCGAAAGGCGAGUGAGGUCU CUAGCCAA	31668
8443	2587	UAGGCCUU G UGGCGUUU	13294	AAACGCCA GCCGAAAGGCGAGUGAGGUCU AAGGCCUA	31669
8446		GCCUUGUG G CGUUUCAG			
	2584		13295	CUGAAACG GCCGAAAGGCGAGUGAGGUCU CACAAGGC	31670
8448	2582	CUUGUGGC G UUUCAGGG	13296	CCCUGAAA GCCGAAAGGCGAGUGAGGUCU GCCACAAG	31671
8456	2574	GUUUCAGG G UAAUACUU	13297	AAGUAUUA GCCGAAAGGCGAGUGAGGUCU CCUGAAAC	31672
8465	2565	UAAUACUU G UACCGGUC	13298	GACCGGUA GCCGAAAGGCGAGUGAGGUCU AAGUAUUA	31673
8471	2559	UUGUACCG G UCCAUCCA	13299	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU CGGUACAA	31674
8481	2549	CCAUCCAA G CCUCCACA	13300	UGUGGAGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31675
8495	2535	ACAUCAUU G UGUAUGAA	13301	UUCAUACA GCCGAAAGGCGAGUGAGGUCU AAUGAUGU	31676
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GCCGAAAGGCGAGUGAGGUCU ACAAUGAU	31677
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU UGAGAUGU	31678
8530	2500	CAGCUCUU G CCGGCUGA	13304	UCAGCCGG GCCGAAAGGCGAGGIGAGGIICU AAGAGCIIG	31679
8534	2496	UCUUGCCG G CUGAUGUC	13305	GACAUCAG GCCGAAAGGCGAGUCU CGGCAAGA	
8540	2490				31680
-		CGGCUGAU G UCUAUGGC	13306	GCCAUAGA GCCGAAAGGCGAGUGAGGUCU AUCAGCCG	31681
8547	2483	UGUCUAUG G CACACCCA	13307	UGGGUGUG GCCGAAAGGCGAGUCAGGUCU CAUAGACA	31682
8556	2474	CACACCCA G UGUCAGCG	13308	CGCUGACA GCCGAAAGGCGAGUGAGGUCU UGGGUGUG	31683
8558	2472	CACCCAGU G UCAGCGUG	13309	CACGCUGA GCCGAAAGGCGAGUGAGGUCU ACUGGGUG	31684
8562	2468	CAGUGUCA G CGUGCACG	13310	CGUGCACG GCCGAAAGGCGAGUGAGGUCU UGACACUG	31685
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGUGCA GCCGAAAGGCGAGUGAGGUCU GCUGACAC	31686
8566	2464	GUCAGCGU G CACGUUCA	13312	UGAACGUG GCCGAAAGGCGAGUGAGGUCU ACGCUGAC	31687
8570	2460	GOGUGCAC G UUCACGGA	13313	UCCGUGAA GCCGAAAGGCGAGUGAGGUCU GUGCACGC	31688
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGUUCUG GCCGAAAGGCGAGUGAGGUCU UCUUCCUC	31689
8604	2426	CUCCAACU G CGAGAAAC	13315	GUUUCUCG GCCGAAAGGCGAGUGAGGUCU AGUUGGAG	31690
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCUCUCA GCCGAAAGGCGAGUGAGGUCU AGUUGCUCG	
8619					31691
-	2411	ACGUGAGA G CUAUGGAC	13317	GUCCAUAG GCCGAAAGGCGAGUGAGGUCU UCUCACGU	31692
8637	2393	UAUCACGA G CAUUGAUG	13318	CAUCAAUG GCCGAAAGGCGAGUGAGGUCU UCGUGAUA	31693
8645	2385	GCAUUGAU G CCCAUCCA	13319	UGGAUGGG GCCGAAAGGCGAGUGAGGUCU AUCAAUGC	31694
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCUGGGG GCCGAAAGGCGAGUGAGGUCU UCUCCUGU	31695
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGAUUG GCCGAAAGGCGAGUGAGGUCU UGGGGGCU	31696
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8690	2250	CAAUCCUU G CGUUAUCC	13322	GGAUAACG GCCGAAAGGCGAGUGAGGUCU AAGGAUUG	31697
8680 8682	2350 2348	AUCCUUGC G UUAUCCAG	13323	CUGGAUAA GCCGAAAGGCGAGUGAGGUCU GCAAGGAU	31698
		CAGGACAU G CCUCCGAA	13324	UUCGGAGG GCCGAAAGGCGAGUGAGGUCU AUGUCCUG	31699
8696	2334 2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GCCGAAAGGCGAGUGAGGUCU UGUUCGGA	31700
8707	2323	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GCCGAAAGGCGAGUGAGGUCU UCACUGUU	31701
8711	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GCCGAAAGGCGAGUGAGGUCU AUUCCGCU	31702
8718 8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GCCGAAAGGCGAGUGAGGUCU UGUCCAUC	31703
8757	2273	CAACUGAG G UGAACACC	13329	GGUGUUCA GCCGAAAGGCGAGUGAGGUCU CUCAGUUG	31704
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCUUGGGA GCCGAAAGGCGAGUGAGGUCU UUUGGAUC	31705
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GCCGAAAGGCGAGUGAGGUCU UUGGGACU	31706
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GCCGAAAGGCGAGUGAGGUCU AGCUUGGG	31707
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GCCGAAAGGCGAGUGAGGUCU ACAGCUUG	31708
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACUAGCCG GCCGAAAGGCGAGUGAGGUCU UCUAGGAG	31709
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACUAG GCCGAAAGGCGAGUGAGGUCU CGCUCUAG	31710
8812	2218	AGCGGCUA G UCUCUGCG	13336	CGCAGAGA GCCGAAAGGCGAGUGAGGUCU UAGCCGCU	31711
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GCCGAAAGGCGAGUGAGGUCU AGAGACUA	31712
8820	2210	GUCUCUGC G CUCCUUUG	13338	CAAAGGAG GCCGAAAGGCGAGUGAGGUCU GCAGAGAC	31713
8832	2198	CUUUGAGG G UGGUUGUA	13339	UACAACCA GCCGAAAGGCGAGUGAGGUCU CCUCAAAG	31714
8835	2195	UGAGGGUG G UUGUAAAG	13340	CUUUACAA GCCGAAAGGCGAGUGAGGUCU CACCCUCA	31715
8838	2192	GGGUGGUU G UAAAGGCU	13341	AGCCUUUA GCCGAAAGGCGAGUGAGGUCU AACCACCC	31716
8844	2186	UUGUAAAG G CUUUGCCA	13342	UGGCAAAG GCCGAAAGGCGAGUGAGGUCU CUUUACAA	31717
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCAUUGG GCCGAAAGGCGAGUGAGGUCU AAAGCCUU	31718
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GCCGAAAGGCGAGUGAGGUCU AUUGGCAA	31719
8858	2172	CCAAUGCU G CUUCCAGA	13345	UCUGGAAG GCCGAAAGGCGAGUGAGGUCU AGCAUUGG	31720
8870	2160	CCAGACUU G UGCCAAUG	13346	CAUUGGCA GCCGAAAGGCGAGUGAGGUCU AAGUCUGG	31721
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUUGG GCCGAAAGGCGAGUGAGGUCU ACAAGUCU	31722
8879	2151	UGCCAAUG G UGAUUGAU	13348	AUCAAUCA GCCGAAAGGCGAGUGAGGUCU CAUUGGCA	31723
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GCCGAAAGGCGAGUGAGGUCU AGAUCAAU	31724
8893	2137	GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GCCGAAAGGCGAGUGAGGUCU AACAGAUC	31725
8903	2127	UCUCCUCU G CCCACCAC	13351	GUGGUGGG GCCGAAAGGCGAGUGAGGUCU AGAGGAGA	31726
8915	2115	ACCACUAU G UAUGAGUC	13352	GACUCAUA GCCGAAAGGCGAGUGAGGUCU AUAGUGGU	31727
8921	2109	AUGUAUGA G UCUCCAAA	13353	UUUGGAGA GCCGAAAGGCGAGUGAGGUCU UCAUACAU	31728
8932	2098	UCCAAAGG G UGGUUCCA	13354	UGGAACCA GCCGAAAGGCGAGUGAGGUCU CCUUUGGA	31729
8935	2095	AAAGGGUG G UUCCAAUU	13355	AAUUGGAA GCCGAAAGGCGAGUGAGGUCU CACCCUUU	31730
8958	2072	GGACCUUA G CGUUGGCC	13356	GGCCAACG GCCGAAAGGCGAGUGAGGUCU UAAGGUCC	31731
8960	2070	ACCUUAGC G UUGGCCGU	13357	ACGGCCAA GCCGAAAGGCGAGUGAGGUCU GCUAAGGU	31732
8964	2066	UAGCGUUG G CCGUGGCC	13358	GGCCACGG GCCGAAAGGCGAGUGAGGUCU CAACGCUA	31733
8967	2063	CGUUGGCC G UGGCCACU	13359	AGUGGCCA GCCGAAAGGCGAGUGAGGUCU GGCCAACG	31734
8970	2060	UGGCCGUG G CCACUGAA	13360	UUCAGUGG GCCGAAAGGCGAGUGAGGUCU CACGGCCA	31735
8987	2043	ACAAAAGG G UUGACAGU	13361	ACUGUCAA GCCGAAAGGCGAGUGAGGUCU CCUUUUGU	31736
8994	2036	GGUUGACA G UGACCAAU	13362	AUUGGUCA GCCGAAAGGCGAGUGAGGUCU UGUCAACC	31737
9005	2025	ACCAAUCU G CCCACUGG	13363	CCAGUGGG GCCGAAAGGCGAGUGAGGUCU AGAUUGGU	31738
9013	2017	GCCCACUG G CGUUAGGU	13364	ACCUAACG GCCGAAAGGCGAGUGAGGUCU CAGUGGGC	31739
9015	2015	CCACUGGC G UUAGGUCG	13365	CGACCUAA GCCGAAAGGCGAGUGAGGUCU GCCAGUGG	31740
9020	2010	GGCGUUAG G UCGUUCAA	13366		31741
9023	2007	GUUAGGUC G UUCAAUGA	13367		31742
9033	1997	UCAAUGAA G CCACUGAC	13368		31743
9056	1974	GGAACUUU G CAAGGUCC	13369		31744
9061	1969	UUUGCAAG G UCCAUCCG	13370		31745
9069	1961	GUCCAUCC G UGCCAGUG	13371		31746
9071	1959	CCAUCCGU G CCAGUGUA	13372		31747
9075	1955	CCGUGCCA G UGUACUGC	13373		31748
9077	1953	GUGCCAGU G UACUGCAA	13374		31749
9082	1948	AGUGUACU G CAAUUCCA	13375		31750
9099	1931	ACACCACA G UGCCGUGA	13376		31751
9101	1929	ACCACAGU G CCGUGACC	13377		31752
9104	1926	ACAGUGCC G UGACCUGU	13378		31753
9111	1919	CGUGACCU G UGUCUGCG	13379		31754 31755
9113	1917	UGACCUGU G UCUGCGGG	13380	<del></del>	31756
9117	1913	CUGUGUCU G CGGGAGUC CUGCGGGA G UCCCAAGA	13381		31757
9123	1907	<del> </del>	13382	<u> </u>	
9141	1889	ACUUGAAA G CCUUUGAA	13383	UUCAAAGG GCCGAAAGGCGAGUGAGGUCU UUUCAAGU	31758

Table X

9155	1875	GAACAGAC G CCAUAGGU	13384	ACCUAUGG GCCGAAAGGCGAGUGAGGUCU GUCUGUUC	31759
9162	1868	CGCCAUAG G UUGUUCCC	13385	GGGAACAA GCCGAAAGGCGAGUGAGGUCU CUAUGGCG	31760
9165	1865	CAUAGGUU G UUCCCUUC	13386	GAAGGGAA GCCGAAAGGCGAGUGAGGUCU AACCUAUG	31761
9178	1852	CUUCAACU G CAAUUUUU	13387	AAAAAUUG GCCGAAAGGCGAGUGAGGUCU AGUUGAAG	31762
9219	1811	GACCCGAC G UCAACUUG	13388	CAAGUUGA GCCGAAAGGCGAGUGAGGUCU GUCGGGUC	31763
9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GCCGAAAGGCGAGUGAGGUCU UGUCAAGU	31764
9233	1797	UUGACAGU G UUGCUUGA	13390	UCAAGCAA GCCGAAAGGCGAGUGAGGUCU ACUGUCAA	31765
9236	1794	ACAGUGUU G CUUGAAAA	13391	UUUUCAAG GCCGAAAGGCGAGUGAGGUCU AACACUGU	31766
9258	1772	CAGGAAUG G CUCCAGCC	13392	GGCUGGAG GCCGAAAGGCGAGUGAGGUCU CAUUCCUG	31767
9264	1766	UGGCUCCA G CCAAAGCU	13393	AGCUUUGG GCCGAAAGGCGAGUGAGGUCU UGGAGCCA	31768
9270	1760	CAGCCAAA G CUUGAUGC	13394	GCAUCAAG GCCGAAAGGCGAGUGAGGUCU UUUGGCUG	31769
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCUCUG GCCGAAAGGCGAGUGAGGUCU AUCAAGCU	31770
9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GCCGAAAGGCGAGUGAGGUCU UCUGCAUC	31771
9292	1738	UCCCUCUU G UGAGCCCA	13397	UGGGCUCA GCCGAAAGGCGAGUGAGGUCU AAGAGGGA	31772
9296	1734	UCUUGUGA G CCCAAUGC	13398	GCAUUGGG GCCGAAAGGCGAGUGAGGUCU UCACAAGA	31773
9303	1727	AGCCCAAU G CUAUCACA	13399	UGUGAUAG GCCGAAAGGCGAGUGAGGUCU AUUGGGCU	31774
		· · · · · · · · · · · · · · · · · · ·			
9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GCCGAAAGGCGAGUGAGGUCU AGUCUGUG	31775
9321	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GCCGAAAGGCGAGUGAGGUCU GAAGCAGU	31776
9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GCCGAAAGGCGAGUGAGGUCU CACGAAGC	31777
9326	1704	UUCGUGGC G UGUGGUUC	13403	GAACCACA GCCGAAAGGCGAGUGAGGUCU GCCACGAA	31778
9328	1702	CGUGGCGU G UGGUUCCU	13404	AGGAACCA GCCGAAAGGCGAGUGAGGUCU ACGCCACG	31779
9331	1699	GGCGUGUG G UUCCUCAA	13405	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CACACGCC	31780
9351	1679	CCAUUAAC G UCUCUCUG	13406	CAGAGAGA GCCGAAAGGCGAGUGAGGUCU GUUAAUGG	31781
9359	1671	GUCUCUCU G UUCCUCCA	13407	UGGAGGAA GCCGAAAGGCGAGUGAGGUCU AGAGAGAC	31782
9372	1658	UCCACACA G UACUUCCA	13408	UGGAAGUA GCCGAAAGGCGAGUGAGGUCU UGUGUGGA	31783
9381	1649	UACUUCCA G CACUGCUC	13409	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAAGUA	31784
9386	1644	CCAGCACU G CUCCAAGG	13410	CCUUGGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31785
9398	1632	CAAGGGAG G UUGAGGUC	13411	GACCUCAA GCCGAAAGGCGAGUGAGGUCU CUCCCUUG	31786
9404	1626	AGGUUGAG G UCCAUGAA	13412	UUCAUGGA GCCGAAAGGCGAGUGAGGUCU CUCAACCU	31787
9435	1595	CCAAGAAC G UCUUUGUU	13413	AACAAAGA GCCGAAAGGCGAGUGAGGUCU GUUCUUGG	31788
9441	1589	ACGUCUUU G UUCCAACA	13414	UGUUGGAA GCCGAAAGGCGAGUGAGGUCU AAAGACGU	31789
9450	1580	UUCCAACA G UCAUCACG	13415	CGUGAUGA GCCGAAAGGCGAGUGAGGUCU UGUUGGAA	31790
9458	1572	GUCAUCAC G UAGUAUGC	13416	GCAUACUA GCCGAAAGGCGAGUGAGGUCU GUGAUGAC	31791
9461	1569	AUCACGUA G UAUGCAUU	13417	AAUGCAUA GCCGAAAGGCGAGUGAGGUCU UACGUGAU	31792
9465	1565	CGUAGUAU G CAUUGGUG	13418	CACCAAUG GCCGAAAGGCGAGUGAGGUCU AUACUACG	31793
9471	1559	AUGCAUUG G UGUCAAUC	13419	GAUUGACA GCCGAAAGGCGAGUGAGGUCU CAAUGCAU	31794
9473	1557	GCAUUGGU G UCAAUCCC	13420	GGGAUUGA GCCGAAAGGCGAGUGAGGUCU ACCAAUGC	31795
9487	1543	CCCUGACC G UGGUUCAC	13421	GUGAACCA GCCGAAAGGCGAGUGAGGUCU GGUCAGGG	31796
9490	1540	UGACCGUG G UUCACAGU	13422	ACUGUGAA GCCGAAAGGCGAGUGAGGUCU CACGGUCA	31797
9497	1533	GGUUCACA G UCCACUGU	13423	ACAGUGGA GCCGAAAGGCGAGUGAGGUCU UGUGAACC	31798
9504	1526	AGUCCACU G UCACCUCU	13424	AGAGGUGA GCCGAAAGGCGAGUGAGGUCU AGUGGACU	31799
9526	1504	UUCUCCAA G CUUUAGUG	13425	CACUAAAG GCCGAAAGGCGAGUGAGGUCU UUGGAGAA	31800
9532	1498	AAGCUUUA G UGUGUAUG	13426	CAUACACA GCCGAAAGGCGAGUGAGGUCU UAAAGCUU	31801
9534	1496	GCUUUAGU G UGUAUGAA	13427	UUCAUACA GCCGAAAGGCGAGUGAGGUCU ACUAAAGC	31802
9536	1494	UUUAGUGU G UAUGAAGG	13428	CCUUCAUA GCCGAAAGGCGAGUGAGGUCU ACACUAAA	31802
9544	1486	GUAUGAAG G CGCCGCAG	13429	CUGCGGCG GCCGAAAGGCGAGUGAGGUCU CUUCAUAC	31804
9546	1484	AUGAAGGC G CCGCAGGA	13430	UCCUGCG GCCGAAAGGCGAGUGAGGUCU GCCUUCAU	31805
9549	1481	AAGGCGCC G CAGGAGUG	13431	CACUCCUG GCCGAAAGGCGAGUGAGGUCU GGCGCCUU	31806
9555	1475	CCGCAGGA G UGAUGCUG	13432	CAGCAUCA GCCGAAAGGCGAGUGAGGUCU UCCUGCGG	31807
9560	1470	GGAGUGAU G CUGAAUCU	13433	AGAUUCAG GCCGAAAGGCGAGUGAGGUCU AUCACUCC	31807
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACUCAGG GCCGAAAGGCGAGUCU AGGGAGAU  CACUCAGG GCCGAAAGGCGAGUCU AGGGAGAU	31808
9579		CUGCCUGA G UGGCUCCA		<del></del>	
	1451		13435	UGGAGCCA GCCGAAAGGCGAGUCACGUCU UCAGGCAG	31810
9582	1448	CCUGAGUG G CUCCAACC	13436	GGUUGGAG GCCGAAAGGCGAGUGAGGUCU CACUCAGG	31811
9592	1438	UCCAACCU G UGUGGAGU	13437	ACUCCACA GCCGAAAGGCGAGUGAGGUCU AGGUUGGA	31812
9594	1436	CAACCUGU G UGGAGUAG	13438	CUACUCCA GCCGAAAGGCGAGUGAGGUCU ACAGGUUG	31813
9599	1431	UGUGUGGA G UAGUUUCC	13439		31814
9602	1428	GUGGAGUA G UUUCCGUG	13440		31815
9608	1422	UAGUUUCC G UGCGACUC	13441	GAGUCGCA GCCGAAAGGCGAGUGAGGUCU GGAAACUA	31816
9610	1420	GUUUCCGU G CGACUCCA	13442	UGGAGUCG GCCGAAAGGCGAGUGAGGUCU ACGGAAAC	31817
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACUA GCCGAAAGGCGAGUGAGGUCU UGUGGAGU	31818
9624	1406	CCACAGUA G UUGGUCCA	13444	UGGACCAA GCCGAAAGGCGAGUGAGGUCU UACUGUGG	31819
9628	1402	AGUAGUUG G UCCAUGGA	13445	UCCAUGGA GCCGAAAGGCGAGUGAGGUCU CAACUACU	31820

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	- 225	CAAAAAUG G CCACUUCG	13446	CGAAGUGG GCCGAAAGGCGAGUGAGGUCU CAUUUUUG	31821
9645	1385			AUCAAGUA GCCGAAAGGCGAGUGAGGUCU GAAGUGGC	31822
9653	1377	GCCACUUC G UACUUGAU	13447		
9678	1352	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GCCGAAAGGCGAGUGAGGUCU CAUCUUGA	31823
9690	1340	UUCCUAUU G CCUUGGUA	13449	UACCAAGG GCCGAAAGGCGAGUGAGGUCU AAUAGGAA	31824
9696	1334	UUGCCUUG G UAGAGCAG	13450	CUGCUCUA GCCGAAAGGCGAGUGAGGUCU CAAGGCAA	31825
9701	1329	UUGGUAGA G CAGGCAAA	13451	UUUGCCUG GCCGAAAGGCGAGUGAGGUCU UCUACCAA	31826
9705	1325	UAGAGCAG G CAAAUUUG	13452	CAAAUUUG GCCGAAAGGCGAGUGAGGUCU CUGCUCUA	31827
				CACAUGCG GCCGAAAGGCGAGUGAGGUCU CAAAUUUG	31828
9714	1316	CAAAUUUG G CGCAUGUG	13453		
9716	1314	AAUUUGGC G CAUGUGUC	13454	GACACAUG GCCGAAAGGCGAGUGAGGUCU GCCAAAUU	31829
9720	1310	UGGCGCAU G UGUCAAUG	13455	CAUUGACA GCCGAAAGGCGAGUGAGGUCU AUGCGCCA	31830
9722	1308	GCGCAUGU G UCAAUGCU	13456	AGCAUUGA GCCGAAAGGCGAGUGAGGUCU ACAUGCGC	31831
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GCCGAAAGGCGAGUGAGGUCU AUUGACAC	31832
9737	1293	CUUCCUUU G CCAAAUAA	13458	UUAUUUGG GCCGAAAGGCGAGUGAGGUCU AAAGGAAG	31833
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGCUG GCCGAAAGGCGAGUGAGGUCU GGAUUAUU	31834
<del></del>				GGCAACGG GCCGAAAGGCGAGUGAGGUCU UGCGGAUU	31835
9752	1278	AAUCCGCA G CCGUUGCC	13460		
9755	1275	CCGCAGCC G UUGCCCCA	13461	UGGGGCAA GCCGAAAGGCGAGUGAGGUCU GGCUGCGG	31836
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCUGGGG GCCGAAAGGCGAGUGAGGUCU AACGGCUG	31837
9764	1266	UUGCCCCA G CCCCUGUC	13463	GACAGGG GCCGAAAGGCGAGUGAGGUCU UGGGGCAA	31838
9770	1260	CAGCCCCU G UCCACCAC	13464	GUGGUGGA GCCGAAAGGCGAGUGAGGUCU AGGGGCUG	31839
9784	1246	CACUCCUU G UCUGCACA	13465	UGUGCAGA GCCGAAAGGCGAGUGAGGUCU AAGGAGUG	31840
9788	1242	CCUUGUCU G CACACAAA	13466	UUUGUGUG GCCGAAAGGCGAGUGAGGUCU AGACAAGG	31841
		ACACAAAA G CUGGGUCA	13467	UGACCCAG GCCGAAAGGCGAGUGAGGUCU UUUUGUGU	31842
9798	1232	(			
9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GCCGAAAGGCGAGUGAGGUCU CCAGCUUU	31843
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGUG GCCGAAAGGCGAGUGAGGUCU UGACCCAG	31844
9811	1219	GUCAGCAC G UUUGUCAU	13470	AUGACAAA GCCGAAAGGCGAGUGAGGUCU GUGCUGAC	31845
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAAUGA GCCGAAAGGCGAGUGAGGUCU AAACGUGC	31846
9821	1209	UUGUCAUU G UGAGCUUC	13472	GAAGCUCA GCCGAAAGGCGAGUGAGGUCU AAUGACAA	31847
9825	1205	CAUUGUGA G CUUCUCCC	13473	GGGAGAAG GCCGAAAGGCGAGUGAGGUCU UCACAAUG	31848
9837	1193	CUCCCAUG G UCGGGCAC	13474	GUGCCCGA GCCGAAAGGCGAGUGAGGUCU CAUGGGAG	31849
		AUGGUCGG G CACGCAGC	13475	GCUGCGUG GCCGAAAGGCGAGUGAGGUCU CCGACCAU	31850
9842	1188	<del></del>	<del></del>	CAAAGCUG GCCGAAAGGCGAGUGAGGUCU GUGCCCGA	31851
9846	1184	UCGGGCAC G CAGCUUUG	13476		
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GCCGAAAGGCGAGUGAGGUCU UGCGUGCC	31852
9855	1175	CAGCUUUG G UGGAGAGA	13478	UCUCUCCA GCCGAAAGGCGAGUGAGGUCU CAAAGCUG	31853
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGUCAG GCCGAAAGGCGAGUGAGGUCU GAUCUCUC	31854
9873	1157	CGCUGACG G UAGCCAAA	13480	UUUGGCUA GCCGAAAGGCGAGUGAGGUCU CGUCAGCG	31855
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUUUGG GCCGAAAGGCGAGUGAGGUCU UACCGUCA	31856
9884	1146	GCCAAAUA G CAAUAACU	13482	AGUUAUUG GCCGAAAGGCGAGUGAGGUCU UAUUUGGC	31857
1		CAAUAACU G CGGACCUC	13483	GAGGUCCG GCCGAAAGGCGAGUGAGGUCU AGUUAUUG	31858
9893	1137		<del>                                     </del>		
9903	1127	GGACCUCU G CCAGGUUG	13484	CAACCUGG GCCGAAAGGCGAGUGAGGUCU AGAGGUCC	31859
9908	1122	UCUGCCAG G UUGACCGC	13485	GCGGUCAA GCCGAAAGGCGAGUGAGGUCU CUGGCAGA	31860
9915	1115	GGUUGACC G CCUCCAUA	13486	UAUGGAGG GCCGAAAGGCGAGUGAGGUCU GGUCAACC	31861
9945	1085	CAUCGAUG G UAGGCUUG	13487	CAAGCCUA GCCGAAAGGCGAGUGAGGUCU CAUCGAUG	31862
9949	1081	GAUGGUAG G CUUGUCCU	13488	AGGACAAG GCCGAAAGGCGAGUGAGGUCU CUACCAUC	31863
9953	1077	GUAGGCUU G UCCUUAGA	13489	UCUAAGGA GCCGAAAGGCGAGUGAGGUCU AAGCCUAC	31864
9969	1061	ACAUGAUA G UCACGCAG	13490		31865
9974	1056	AUAGUCAC G CAGCUGUC	13491	GACAGCUG GCCGAAAGGCGAGUGAGUCU GUGACUAU	31866
		<del></del>			
9977	1053	GUCACGCA G CUGUCGCC	13492		31867
9980	1050	ACGCAGCU G UCGCCUUC	13493		31868
9983	1047	CAGCUGUC G CCUUCGAG	13494		31869
10008	1022	CCACCCAU G UUGCUCCA	13495	UGGAGCAA GCCGAAAGGCGAGUGAGGUCU AUGGGUGG	31870
10011	1019	CCCAUGUU G CUCCAGAC	13496	GUCUGGAG GCCGAAAGGCGAGUGAGGUCU AACAUGGG	31871
10034	996	UCCAAGAA G UCUCUGUU	13497	AACAGAGA GCCGAAAGGCGAGUGAGGUCU UUCUUGGA	31872
10040	990	AAGUCUCU G UUGCUCAU	13498	AUGAGCAA GCCGAAAGGCGAGUGAGGUCU AGAGACUU	31873
10043	987	UCUCUGUU G CUCAUUCC	13499	GGAAUGAG GCCGAAAGGCGAGUGAGGUCU AACAGAGA	31874
		AUUCCAAG G CAGUUGAA		UUCAACUG GCCGAAAGGCGAGUGAGGUCU CUUGGAAU	31875
10055	975		13500		
10058	972	CCAAGGCA G UUGAAGCU	13501		31876
10064	966	CAGUUGAA G CUGUAAGC	13502		31877
10067	963	UUGAAGCU G UAAGCUGG	13503	CCAGCUUA GCCGAAAGGCGAGUGAGGUCU AGCUUCAA	31878
10071	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GCCGAAAGGCGAGUGAGGUCU UUACAGCU	31879
10077	953	AAGCUGGG G CCACCAAA	13505	UUUGGUGG GCCGAAAGGCGAGUGAGGUCU CCCAGCUU	31880
10087	943	CACCAAAA G CAAUAGCA	13506	<del></del>	31881
10093	937	AAGCAAUA G CACGACAA	13507		31882
10093	93/	ANGUNAUN G CACGACAA	1350/	DOGOCGOG GCCGMANGGCGAGGGGCG UADUGCOG	31002

Table X

10114	916	AACUCUCU G CAUGGUGU	13508	ACACCAUG GCCGAAAGGCGAGUGAGGUCU AGAGAGUU	31883
10119	911	UCUGCAUG G UGUUGCUC	13509	GAGCAACA GCCGAAAGGCGAGUGAGGUCU CAUGCAGA	31884
10121	909	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GCCGAAAGGCGAGUGAGGUCU ACCAUGCA	31885
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GCCGAAAGGCGAGUGAGGUCU AACACCAU	31886
10132	898	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GCCGAAAGGCGAGUGAGGUCU UUGGGAGC	31887
10149	881	CAAUGACG G CUGCCACC	13513	GGUGGCAG GCCGAAAGGCGAGUGAGGUCU CGUCAUUG	31888
10152	878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GCCGAAAGGCGAGUGAGGUCU AGCCGUCA	31889
10161	869	CCACCAGG G CAUAUCCA	13515	UGGAUAUG GCCGAAAGGCGAGUGAGGUCU CCUGGUGG	31890
10172	858	UAUCCAGG G UUCCUCAA	13516	UUGAGGAA GCCGAAAGGCGAGUGAGGUCU CCUGGAUA	31891
10194	836	AUGAUUCU G UUUUUACC	13517	GGUAAAAA GCCGAAAGGCGAGUGAGGUCU AGAAUCAU	31892
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GCCGAAAGGCGAGUGAGGUCU AAGGUAUU	31893
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GCCGAAAGGCGAGUGAGGUCU CACAAGGU	31894
10213	809	UGGCCUUG G UGCUGUCC	13520	GGACAGCA GCCGAAAGGCGAGUGAGGUCU CAAGGCCA	31895
10223	807	GCCUUGGU G CUGUCCAU	13521	AUGGACAG GCCGAAAGGCGAGUGAGGUCU ACCAAGGC	
					31896
10226	804	UUGGUGCU G UCCAUCCA	13522	UGGAUGGA GCCGAAAGGCGAGUGAGGUCU AGCACCAA	31897
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGG GCCGAAAGGCGAGUGAGGUCU UUGGAUGG	31898
10247	783	CCCUUCUU G UUCGCUAG	13524	CUAGCGAA GCCGAAAGGCGAGUGAGGUCU AAGAAGGG	31899
10251	779	UCUUGUUC G CUAGAGUG	13525	CACUCUAG GCCGAAAGGCGAGUGAGGUCU GAACAAGA	31900
10257	773	UCGCUAGA G UGCUUUCU	13526	AGAAAGCA GCCGAAAGGCGAGUGAGGUCU UCUAGCGA	31901
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GCCGAAAGGCGAGUGAGGUCU ACUCUAGC	31902
10268	762	CUTUCUCC G UGUGUCUG	13528	CAGACACA GCCGAAAGGCGAGUGAGGUCU GGAGAAAG	31903
10270	760	UUCUCCGU G UGUCUGCA	13529	UGCAGACA GCCGAAAGGCGAGUGAGGUCU ACGGAGAA	31904
10272	758	CUCCGUGU G UCUGCACU	13530	AGUGCAGA GCCGAAAGGCGAGUGAGGUCU ACACGGAG	31905
10276	754	GUGUGUCU G CACUGUCA	13531	UGACAGUG GCCGAAAGGCGAGUGAGGUCU AGACACAC	31906
10281	749	UCUGCACU G UCAGUGAC	13532	GUCACUGA GCCGAAAGGCGAGUGAGGUCU AGUGCAGA	31907
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGUCA GCCGAAAGGCGAGUGAGGUCU UGACAGUG	31908
10298	732	CUCCGACU G CGUCUUGA	13534	UCAAGACG GCCGAAAGGCGAGUGAGGUCU AGUCGGAG	31909
10300	730	CCGACUGC G UCUUGAGU	13535	ACUCAAGA GCCGAAAGGCGAGUGAGGUCU GCAGUCGG	31910
10307	723	CGUCUUGA G UGGCGUGU	13536	ACACGCCA GCCGAAAGGCGAGUGAGGUCU UCAAGACG	31911
10310	720	CUUGAGUG G CGUGUCUU	13537	AAGACACG GCCGAAAGGCGAGUGAGGUCU CACUCAAG	31912
10312	718	UGAGUGGC G UGUCUUGG	13538	CCAAGACA GCCGAAAGGCGAGUGAGGUCU GCCACUCA	31913
10314	716	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GCCGAAAGGCGAGUGAGGUCU ACGCCACU	31914
10320	710	GUGUCUUG G UGCAUCUU	13540	AAGAUGCA GCCGAAAGGCGAGUGAGGUCU CAAGACAC	31915
10322	708	GUCUUGGU G CAUCUUCC	13541	GGAAGAUG GCCGAAAGGCGAGUGAGGUCU ACCAAGAC	31916
10340	690	UACCUGAC G UAGACUGC	13542	GCAGUCUA GCCGAAAGGCGAGUGAGGUCU GUCAGGUA	31917
10347	683	CGUAGACU G CUGACUUU	13543	AAAGUCAG GCCGAAAGGCGAGUGAGGUCU AGUCUACG	31918
10356	674	CUGACUUU G UGCACCAA	13544	UUGGUGCA GCCGAAAGGCGAGUGAGGUCU AAAGUCAG	31919
10358	672	GACUUUGU G CACCAACA	13545	UGUUGGUG GCCGAAAGGCGAGUGAGGUCU ACAAAGUC	31920
10367	663	CACCAACA G UCGAUGUC	13546	GACAUCGA GCCGAAAGGCGAGUGAGGUCU UGUUGGUG	31921
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GCCGAAAGGCGAGUGAGGUCU AUCGACUG	31922
10392	638	CAUUACCA G CCGACAGC	13548	GCUGUCGG GCCGAAAGGCGAGUGAGGUCU UGGUAAUG	31923
10399	631	AGCCGACA G CACUGGGC	13549	GCCCAGUG GCCGAAAGGCGAGUGAGGUCU UGUCGGCU	31923
10406	624	AGCACUGG G CAUUCAUA	13550	UAUGAAUG GCCGAAAGGCGAGUGAGGUCU CCAGUGCU	31925
10416	614	AUUCAUAA G UGAUAGUA	13551	UACUAUCA GCCGAAAGGCGAGUGAGGUCU UUAUGAAU	31925
10422	608	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GCCGAAAGGCGAGUGAGGUCU UAUCACUU	
10430	600	GUAUCAUC G CACAUGUA	13553		31927 31928
10436	594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GCCGAAAGGCGAGUGAGGUCU AUGUGCGA	
10452	578	CAUCCAUU G CUCUGACA	13555	UGUCAGAG GCCGAAAGGCGAGUGAGGUCU AAUGGAUG	31929
10463	567	CUGACAAU G CAUAGGUU	13556	AACCUAUG GCCGAAAGGCGAGUGAGGUCU AAUGGAUG  AACCUAUG GCCGAAAGGCGAGUGAGGUCU AUUGUCAG	31930
10469	561	AUGCAUAG G UUCUUUCC	13557		31931
10479	551	UCUUUCCA G CAGCUGUU			31932
10479	548	UUCCAGCA G CUGUUGGA	13558	AACAGCUG GCCGAAAGGCGAGUGAGGUCU UGGAAAGA	31933
10485	545				31934
10485	536	CAGCAGCU G UUGGAAUC	13560		31935
10506		UUGGAAUC G UGAUGACA	13561	UGUCAUCA GCCGAAAGGCGAGUGAGGUCU GAUUCCAA	31936
	524	UGACAUCU G UGACGUCA	13562	UGACGUCA GCCGAAAGGCGAGUGAGGUCU AGAUGUCA	31937
10511	519	UCUGUGAC G UCAGUAGC	13563	GCUACUGA GCCGAAAGGCGAGUGAGGUCU GUCACAGA	31938
10515	515	UGACGUCA G UAGCAUUU	13564	AAAUGCUA GCCGAAAGGCGAGUGAGGUCU UGACGUCA	31939
10518	512	CGUCAGUA G CAUUUACC	13565		31940
10527	503	CAUUUACC G UCAUCAUC	13566	GAUGAUGA GCCGAAAGGCGAGUGAGGUCU GGUAAAUG	31941
10550	480	CCUUGGAA G UUAGAGAG	13567	CUCUCUAA GCCGAAAGGCGAGUGAGGUCU UUCCAAGG	31942
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GCCGAAAGGCGAGUGAGGUCU CCUCUCUA	31943
10566	464	GGGUAACU G CUCCUACG	13569	CGUAGGAG GCCGAAAGGCGAGUGAGGUCU AGUUACCC	31944

Table X

			13570	AUCGCCAG GCCGAAAGGCGAGUGAGGUCU GUAGGAGC	31945
10574	456	GCUCCUAC G CUGGCGAU	13570		
10578	452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GCCGAAAGGCGAGUGAGGUCU CAGCGUAG	31946
10586	444	GCGAUCAG G CCAAUCAU	13572	AUGAUUGG GCCGAAAGGCGAGUGAGUCU CUGAUCGC	
10599	431	UCAUGACU G CAAUUCCG	13573	CGGAAUUG GCCGAAAGGCGAGUGAGGUCU AGUCAUGA	31948
10608	422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GCCGAAAGGCGAGUGAGGUCU CGGAAUUG	31949
10630	400	UUUCUUUU G UUUUGAGC	13575	GCUCAAAA GCCGAAAGGCGAGUGAGGUCU AAAAGAAA	31950
10637	393	UGUUUUGA G CUCCGCCG	13576	CGGCGGAG GCCGAAAGGCGAGUGAGGUCU UCAAAACA	31951
10642	388	UGAGCUCC G CCGAUUGA	13577	UCAAUCGG GCCGAAAGGCGAGUGAGGUCU GGAGCUCA	31952
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGUG GCCGAAAGGCGAGUGAGGUCU UAUCAAUC	31953
10659	371	UAGCACUG G UCAAGGUC	13579	GACCUUGA GCCGAAAGGCGAGUGAGGUCU CAGUGCUA	31954
10665	365	UGGUCAAG G UCCCUAGU	13580	ACUAGGGA GCCGAAAGGCGAGUGAGGUCU CUUGACCA	31955
10672	358	GGUCCCUA G UUCCUUCU	13581	AGAAGGAA GCCGAAAGGCGAGUGAGGUCU UAGGGACC	31956
10694	336	CUCAGAAG G UGUUUCAU	13582	AUGAAACA GCCGAAAGGCGAGUGAGGUCU CUUCUGAG	31957
10696	334	CAGAAGGU G UUUCAUCG	13583	CGAUGAAA GCCGAAAGGCGAGUGAGGUCU ACCUUCUG	31958
10704	326	GUUUCAUC G CUGUUUGU	13584	ACAAACAG GCCGAAAGGCGAGUGAGGUCU GAUGAAAC	31959
10707	323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GCCGAAAGGCGAGUGAGGUCU AGCGAUGA	31960
10711	319	CGCUGUUU G UUUGUUCA	13586	UGAACAAA GCCGAAAGGCGAGUGAGGUCU AAACAGCG	31961
10715	315	GUUUGUUU G UUCACACC	13587	GGUGUGAA GCCGAAAGGCGAGUGAGGUCU AAACAAAC	31962
10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGUG GCCGAAAGGCGAGUGAGGUCU UGGAUCGA	31963
10743	287	CCAGCACU G CUCGGGUC	13589	GACCCGAG GCCGAAAGGCGAGUGAGGUCU AGUGCUGG	31964
10749	281	CUGCUCGG G UCGGAGCA	13590	UGCUCCGA GCCGAAAGGCGAGUGAGGUCU CCGAGCAG	31965
10755	275	GGGUCGGA G CAAUUGCU	13591	AGCAAUUG GCCGAAAGGCGAGUGAGGUCU UCCGACCC	31966
10761	269	GAGCAAUU G CUGUGAAC	13592	GUUCACAG GCCGAAAGGCGAGUGAGGUCU AAUUGCUC	31967
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGUUCA GCCGAAAGGCGAGUGAGGUCU AGCAAUUG	31968
10779	251	UGAAGAAC G CCAAGAGA	13594	UCUCUUGG GCCGAAAGGCGAGUGAGGUCU GUUCUUCA	31969
10788	242	CCAAGAGA G CCAACACA	13595	UGUGUUGG GCCGAAAGGCGAGUGAGGUCU UCUCUUGG	31970
10801	229	CACAAAUC G UAUUGGCC	13596	GGCCAAUA GCCGAAAGGCGAGUGAGGUCU GAUUUGUG	31971
10807	223	UCGUAUUG G CCCCUUGC	13597	GCAAGGG GCCGAAAGGCGAGUGAGGUCU CAAUACGA	31972
10814	216	GGCCCCUU G CCGUCGAU	13598	AUCGACGG GCCGAAAGGCGAGUGAGGUCU AAGGGGCC	31973
10817	213	CCCUUGCC G UCGAUCAG	13599	CUGAUCGA GCCGAAAGGCGAGUGAGGUCU GGCAAGGG	31974
10826	204	UCGAUCAG G CUCAACAU	13600	AUGUUGAG GCCGAAAGGCGAGUGAGGUCU CUGAUCGA	31975
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GCCGAAAGGCGAGUGAGGUCU UAUGUUGA	31976
10846	184	CCUCUUCA G UCCAAUCA	13602	UGAUUGGA GCCGAAAGGCGAGUGAGGUCU UGAAGAGG	31977
10865	165	GACAACAC G CGGGGCAU	13603	AUGCCCCG GCCGAAAGGCGAGUGAGGUCU GUGUUGUC	31978
10870	160	CACGCGGG G CAUUCCGC	13604	GCGGAAUG GCCGAAAGGCGAGUGAGGUCU CCCGCGUG	31979
10877	153	GGCAUUCC G CGUUUUAG	13605	CUAAAACG GCCGAAAGGCGAGUGAGGUCU GGAAUGCC	31980
10879	151	CAUUCCGC G UUUUAGCA	13606	UGCUAAAA GCCGAAAGGCGAGUGAGGUCU GCGGAAUG	31981
10885	145	GCGUUUUA G CAUAUUGA	13607	UCAAUAUG GCCGAAAGGCGAGUGAGGUCU UAAAACGC	31982
10896	134	UAUUGACA G CCCGGCUC	13608	GAGCCGGG GCCGAAAGGCGAGUGAGGUCU UGUCAAUA	31983
10901	129	ACAGCCCG G CUCUUGCC	13609	GGCAAGAG GCCGAAAGGCGAGUGAGGUCU CGGGCUGU	31984
10907	123	CGGCUCUU G CCGGGCCC	13610	GGGCCCGG GCCGAAAGGCGAGUGAGGUCU AAGAGCCG	31985
10912	118	CUUGCCGG G CCCUCCUG	13611	CAGGAGGG GCCGAAAGGCGAGUGAGGUCU CCGGCAAG	31986
10921	109	CCCUCCUG G UUUCUUAG	13612	CUAAGAAA GCCGAAAGGCGAGUGAGGUCU CAGGAGGG	31987
10944	86	AGAUCUUC G UGCUAAGA	13613	UCUUAGCA GCCGAAAGGCGAGUGAGGUCU GAAGAUCU	31988
10946	84	AUCUUCGU G CUAAGAAA	13614	UUUCUUAG GCCGAAAGGCGAGUGAGGUCU ACGAAGAU	31989
10957		AAGAAACA G CUCGCACU	13615		31990
10961	69	AACAGCUC G CACUGUGU	13616	ACACAGUG GCCGAAAGGCGAGUGAGGUCU GAGCUGUU	31991
10966		CUCGCACU G UGUUAAUU	13617		31992
10968	62	CGCACUGU G UUAAUUGU	13618	ACAAUUAA GCCGAAAGGCGAGUGAGGUCU ACAGUGCG	31993
10975	55	UGUUAAUU G UUGUUAAU	13619	AUUAACAA GCCGAAAGGCGAGUGAGGUCU AAUUAACA	31994
10978	52	UAAUUGUU G UUAAUCCU	13620	AGGAUUAA GCCGAAAGGCGAGUGAGGUCU AACAAUUA	31995
11002	28	ACUACUAA G UUUGUCAG	13621	CUGACAAA GCCGAAAGGCGAGUGAGGUCU UUAGUAGU	31996
11002	24	CUAAGUUU G UCAGCUCA	13622	UGAGCUGA GCCGAAAGGCGAGUGAGGUCU AAACUUAG	31997
11010		GUUUGUCA G CUCACACA	13623	UGUGUGAG GCCGAAAGGCGAGUGAGGUCU UGACAAAC	31998
	10	UCACACAG G CGAACUAC		GUAGUUCG GCCGAAAGGCGAGUGAGGUCU CUGUGUGA	31999
11020	1 10	UCACACAG G CGAACUAC	13624	GUNGUUCG GCCGNANGGCGNGGGGCG CUGUGGA	31333

Input Sequence = AF196835\_rc. Cut Site = G/Y
Arm Length = 8. Core Sequence = GCCGAAAGGCGAGUCAAGGUCU
AF196835\_rc reverse complement of West Nile virus strain NY99-flamingo382-99,
complete genome

Table XI: WNV minus strand DNAzyme and Target Sequence

Pos	Pos	Substrate	Seq ID	DNAzyme Sequence	Seq ID
	(+str)				
88	10942	CCUAGUCU A UCCCAGGU	7383	ACCTGGGA GGCTAGCTACAACGA AGACTAGG	32000
103	10927	GUGUCAAU A UGCUGUUU	7386	AAACAGCA GGCTAGCTACAACGA ATTGACAC	32001
169	10861	CCUGACCU A CAGCUUCA	7402	TGAAGCTG GGCTAGCTACAACGA AGGTCAGG	32002
253	10777	ACACCAUU A CCGGGGCU	7422	AGCCCCGG GGCTAGCTACAACGA AATGGTGT	32003
316	10714	GGGGCACU A UCGCAGAC	7433	GTCTGCGA GGCTAGCTACAACGA AGTGCCCC	32004
381	10649	UUGAAGUU A CAACAUGU	7444	ACATGTTG GGCTAGCTACAACGA AACTTCAA	32005
423	10607	GAGGGCUU A CAUGGAUC	7452	GATCCATG GGCTAGCTACAACGA AAGCCCTC	32006
489	10541	CACCGUCU A CUCAACUU	7465	AAGTTGAG GGCTAGCTACAACGA AGACGGTG	32007
549	10481	UCUUAACU A UUUACACU	7482	AGTGTAAA GGCTAGCTACAACGA AGTTAAGA	32008
553	10477	AACUAUUU A CACUAACA	7485	TGTTAGTG GGCTAGCTACAACGA AAATAGTT	32009
571	10459	CACUAAAU A CUACUAUA	7488	TATAGTAG GGCTAGCTACAACGA ATTTAGTG	32010
574	10456	UAAAUACU A CUAUAAAA	7489	TTTTATAG GGCTAGCTACAACGA AGTATTTA	32011
577	10453	AUACUACU A UAAAACUA	7490	TAGTTTTA GGCTAGCTACAACGA AGTAGTAT	32012
585	10445	AUAAAACU A CACUUUUA	7492	TAAAAGTG GGCTAGCTACAACGA AGTTTTAT	32013
593	10437	ACACUUUU A UGCAUACU	7496	AGTATGCA GGCTAGCTACAACGA AAAAGTGT	32014
599	10431	UUAUGCAU A CUUAUAUU	7497	AATATAAG GGCTAGCTACAACGA ATGCATAA	32015
603	10427	GCAUACUU A UAUUGUCU	7499	AGACAATA GGCTAGCTACAACGA AAGTATGC	32016
605	10425	AUACUUAU A UUGUCUAU	7500	ATAGACAA GGCTAGCTACAACGA ATAAGTAT	32017
612	10418	UAUUGUCU A UUUACAAU	7503	ATTGTAAA GGCTAGCTACAACGA AGACAATA	32018
616	10414	GUCUAUUU A CAAUUGAU	7506	ATCAATTG GGCTAGCTACAACGA AAATAGAC	32019
630	10400	GAUUAAAU A UCUACAGU	7510	ACTGTAGA GGCTAGCTACAACGA ATTTAATC	32020
634	10396	AAAUAUCU A CAGUACUG	7512	CAGTACTG GGCTAGCTACAACGA AGATATTT	32021
639	10391	UCUACAGU A CUGUGUCC	7513	GGACACAG GGCTAGCTACAACGA ACTGTAGA	32022
670	10360	GUCUUCAU A UCUCUUUA	7520	TAAAGAGA GGCTAGCTACAACGA ATGAAGAC	32023
700	10330	AUCCACAU A CUUCUCAU	7529	ATGAGAAG GGCTAGCTACAACGA ATGTGGAT	32024
823	10207	UCCUGAAU A UGGGACGU	7555	ACGTCCCA GGCTAGCTACAACGA ATTCAGGA	32025
882	10148	UCUCCUCU A UCCAAACA	7575	TGTTTGGA GGCTAGCTACAACGA AGAGGAGA	32026
1039	9991	GUGGAAGU A CAGAAGCA	7600	TGCTTCTG GGCTAGCTACAACGA ACTTCCAC	32027
1116	9914	CUGGAGAU A UGCGAGCU	7609	AGCTCGCA GGCTAGCTACAACGA ATCTCCAG	32028
1131	9899	CUCUGCCU A CCAAUUCA	7611	TGAATTGG GGCTAGCTACAACGA AGGCAGAG	32029
1234	9796	CCAAUCAU A CCAUCCAG	7631	CTGGATGG GGCTAGCTACAACGA ATGATTGG	32030
1335	9695	GGGGCUUU A CCACACAG	7650	CTGTGTGG GGCTAGCTACAACGA AAAGCCCC	32031
2145	8885	CCUUUCUU A UGAAUUCC	7816	GGAATTCA GGCTAGCTACAACGA AAGAAAGG	32032
2230	8800	GAGCACGU A CUUCACUC	7833	GAGTGAAG GGCTAGCTACAACGA ACGTGCTC	32033
2444	8586	CAGGUUCU A UAUGGGUG	7872	CACCCATA GGCTAGCTACAACGA AGAACCTG	32034
2446	8584	GGUUCUAU A UGGGUGGU	7873	ACCACCCA GGCTAGCTACAACGA ATAGAACC	32035
2482	8548	CGAACUGU A CUCACGCC	7879	GGCGTGAG GGCTAGCTACAACGA ACAGTTCG	32036
2519	8511	UUGAUUUU A CUGGUGUC	7891	GACACCAG GGCTAGCTACAACGA AAAATCAA	32037
2577	8453	CCAAGUUU A CAUCUUCC	7904	GGAAGATG GGCTAGCTACAACGA AAACTTGG	32038
2590	8440	UUCCUCGU A UUGGGGUC	7909	GACCCCAA GGCTAGCTACAACGA ACGAGGAA	32039
2648	8382	CUGGUCAU A UUCACUGA	7927	TCAGTGAA GGCTAGCTACAACGA ATGACCAG	32040
2661	8369	CUGAAUGU A CCACAUUG	7930	CAATGTGG GGCTAGCTACAACGA ACATTCAG	32041
2692	8338	CACCCAAU A CAUCUCGU	7934	ACGAGATG GGCTAGCTACAACGA ATTGGGTG	32042
2746	8284	CCCCCCAU A CCGGCGUU	7943	AACGCCGG GGCTAGCTACAACGA ATGGGGGG	32043
2775	8255	UCUUCUCU A UGACUUUC	7950	GAAAGTCA GGCTAGCTACAACGA AGAGAAGA	32044
2873	8157	AUCGUCCU A UGCUCUUC	7968	GAAGAGCA GGCTAGCTACAACGA AGGACGAT	32045
3043	7987	CUUUGUGU A CCCUCUGA	8000	TCAGAGGG GGCTAGCTACAACGA ACACAAAG	32046
3080	7950	GUUGCCAU A UAGUAACA	8012	TGTTACTA GGCTAGCTACAACGA ATGGCAAC	32047
3271	7759	UUUGCGGU A CCUAGUGA	8052	TCACTAGG GGCTAGCTACAACGA ACCGCAAA	32048
3381	7649	UGUUCUUU A UGAGUGUC	8092	GACACTCA GGCTAGCTACAACGA AAAGAACA	32049
3396	7634	UCCAUGUU A UGGAUAGA	8095	TCTATCCA GGCTAGCTACAACGA AACATGGA	32050
3531	7499	CUUCUCGU A CUGUCUUC	8114	GAAGACAG GGCTAGCTACAACGA ACGAGAAG	32051
3555	7475	GGUUCACU A CUACUGCA	8120	TGCAGTAG GGCTAGCTACAACGA AGTGAACC	32052
3558	7472	UCACUACU A CUGCAGCU	8121	AGCTGCAG GGCTAGCTACAACGA AGTAGTGA	32053
3666	7364	CAUCCACU A CAGCGUUC	8137	GAACGCTG GGCTAGCTACAACGA AGTGGATG	32054
3780	7250	CCGCUGUU A CCGUAACG	8152	CGTTACGG GGCTAGCTACAACGA AACAGCGG	32055
3900	7130	GAACGUUU A UUGAGGUC	8165	GACCTCAA GGCTAGCTACAACGA AAACGTTC	32056
3982	7048	CACAGCGU A CAGUGACC	8177	GGTCACTG GGCTAGCTACAACGA ACGCTGTG	32057
4077	6953	AACUGCUU A UGUCACUC	8193	GAGTGACA GGCTAGCTACAACGA AAGCAGTT	32058

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4094	6936	UUGGUCUU A UCUAGCCA	8199	TGGCTAGA GGCTAGCTACAACGA AAGACCAA	32059
4323	6707	CCAAACCU A UCUUUCCA	8234	TGGAAAGA GGCTAGCTACAACGA AGGTTTGG	32060
4362	6668	GGAAGAAU A CUCCCAUG	8241	CATGGGAG GGCTAGCTACAACGA ATTCTTCC	32061
4480	6550	CACAACGU A CAUGGUGU	8264	ACACCATG GGCTAGCTACAACGA ACGTTGTG	32062
	6476	UGAGCCCU A UCUGAGAA	8277	TTCTCAGA GGCTAGCTACAACGA AGGGCTCA	32063
4554		AUCCGAGU A CACCCUGG	8289	CCAGGGTG GGCTAGCTACAACGA ACTCGGAT	32064
4615	6415			GAGTGTCA GGCTAGCTACAACGA ACCACGAC	32065
4747	6283	GUCGUGGU A UGACACUC	8319		
4849	6181	GAGCCGGU A UUCCCCAU	8340	ATGGGGAA GGCTAGCTACAACGA ACCGGCTC	32066
4865	6165	UCCAUGGU A UAUACCUU	8344	AAGGTATA GGCTAGCTACAACGA ACCATGGA	32067
4867	6163	CAUGGUAU A UACCUUCU	8345	AGAAGGTA GGCTAGCTACAACGA ATACCATG	32068
4869	6161	UGGUAUAU A CCUUCUCA	8346	TGAGAAGG GGCTAGCTACAACGA ATATACCA	32069
5002	6028	AUAACAGU A CUCAUCAC	8374	GTGATGAG GGCTAGCTACAACGA ACTGTTAT	32070
5030	6000	GGAUUUCU A CCGAUACG	8381	CGTATCGG GGCTAGCTACAACGA AGAAATCC	32071
5036	5994	CUACCGAU A CGUCCACG	8382	CGTGGACG GGCTAGCTACAACGA ATCGGTAG	32072
		CUUCUGUU A UGAUGGUU	8400	AACCATCA GGCTAGCTACAACGA AACAGAAG	32073
5115	5915	UUUCAGAU A UGUCUGUU	8417	AACAGACA GGCTAGCTACAACGA ATCTGAAA	32074
5187	5843			CCAAAATG GGCTAGCTACAACGA AAGAACGA	32075
5225	5805	UCGUUCUU A CAUUUUGG	8427		
5236	5794	UUUUGGGU A CUCCGUCU	8431	AGACGGAG GGCTAGCTACAACGA ACCCAAAA	32076
5248	5782	CGUCUCGU A CGACUUUC	8435	GAAAGTCG GGCTAGCTACAACGA ACGAGACG	32077
5271	5759	AUUGGACU A CUUUCUUU	8442	AAAGAAAG GGCTAGCTACAACGA AGTCCAAT	32078
5356	5674	CCCGGUGU A UUCUGUGA	8461	TCACAGAA GGCTAGCTACAACGA ACACCGGG	32079
5374	5656	CCAUUCGU A UCCAGAGU	8467	ACTCTGGA GGCTAGCTACAACGA ACGAATGG	32080
5481	5549	UCAUGAAU A UUGCCGCC	8483	GGCGGCAA GGCTAGCTACAACGA ATTCATGA	32081
5663	5367	UUUCCAUU A UGUUCUCU	8511	AGAGAACA GGCTAGCTACAACGA AATGGAAA	32082
5692	5338	UGUCUGGU A CCGGAUGG	8516	CCATCCGG GGCTAGCTACAACGA ACCAGACA	32083
		UUCUGUUU A UGGCCUCU	8534	AGAGGCCA GGCTAGCTACAACGA AAACAGAA	32084
5781	5249		8545	GGCGCCGG GGCTAGCTACAACGA AAAACAAG	32085
5822	5208	CUUGUUUU A CCGGCGCC	_ · · · · ·		
5847	5183	GAUCCAGU A CAGUGAUC	8547	GATCACTG GGCTAGCTACAACGA ACTGGATC	32086
5925	5105	CCUGCACU A UCGCGCUU	8568	AAGCGCGA GGCTAGCTACAACGA AGTGCAGG	32087
5934	5096	UCGCGCUU A UGUAUGAG	8571	CTCATACA GGCTAGCTACAACGA AAGCGCGA	32088
5938	5092	GCUUAUGU A UGAGCCGU	8572	ACGGCTCA GGCTAGCTACAACGA ACATAAGC	32089
5955	5075	UGGGCAUU A UGACUCCA	8575	TGGAGTCA GGCTAGCTACAACGA AATGCCCA	32090
6003	5027	UGUCCACU A UUGGUGAG	8586	CTCACCAA GGCTAGCTACAACGA AGTGGACA	32091
6217	4813	GCCCCAGU A UGGGUCCA	8631	TGGACCCA GGCTAGCTACAACGA ACTGGGGC	32092
6266	4764	UUUGUUGU A UGCCAAAG	8642	CTTTGGCA GGCTAGCTACAACGA ACAACAAA	32093
6382	4648	CUUUUUGU A CUCCUUUG	8658	CAAAGGAG GGCTAGCTACAACGA ACAAAAAG	32094
6430	4600	CUUUGUGU A UUGGAGAG	8668	CTCTCCAA GGCTAGCTACAACGA ACACAAAG	32095
6441	4589	GGAGAGUU A UCCAAAAU	8671	ATTITGGA GGCTAGCTACAACGA AACTCTCC	32096
	ļ		8674	GCCTCAG GGCTAGCTACAACGA AGTTGGAT	32097
6456	4574	AUCCAACU A CUGAGGGC			
6484	4546	GGGGGUGU A CGCACUAA	8676	TTAGTGCG GGCTAGCTACAACGA ACACCCCC	32098
6522	4508	GCAUCCAU A UCUUCCAA	8682	TTGGAAGA GGCTAGCTACAACGA ATGGATGC	32099
6659	4371	AUCCACAU A UCUGUUGA	8716	TCAACAGA GGCTAGCTACAACGA ATGTGGAT	32100
6818	4212	CCGCGUUU A CGGUUGGG	8740	CCCAACCG GGCTAGCTACAACGA AAACGCGG	32101
6957	4073	AGCUGCCU A UUCCGACC	8767	GGTCGGAA GGCTAGCTACAACGA AGGCAGCT	32102
6978	4052	ACAGCAGU A UCCUGUAC	8771	GTACAGGA GGCTAGCTACAACGA ACTGCTGT	32103
6985	4045	UAUCCUGU A CACAUCCA	8773	TGGATGTG GGCTAGCTACAACGA ACAGGATA	32104
7068	3962	UGAAUGUU A UGGCUCUC	8787	GAGAGCCA GGCTAGCTACAACGA AACATTCA	32105
7080	3950	CUCUCAGU A UCAUCCAA	8790	TTGGATGA GGCTAGCTACAACGA ACTGAGAG	32106
7092	3938	UCCAAGCU A CCGCCAGU	8793	ACTGGCGG GGCTAGCTACAACGA AGCTTGGA	32107
		CUGGUUGU A UCUUGAAG	8817	CTTCAAGA GGCTAGCTACAACGA ACAACCAG	32108
7251	3779	<u> </u>	8821	AGACGTGG GGCTAGCTACAACGA ACACTTGG	32109
7281	3749	CCAAGUGU A CCACGUCU			<del></del>
7395	3635	CAAUCAGU A UAGCUGGC	8836	GCCAGCTA GGCTAGCTACAACGA ACTGATTG	32110
7493	3537	UCAAUCAU A UCAGCAUU	8846	AATGCTGA GGCTAGCTACAACGA ATGATTGA	32111
7502	3528	UCAGCAUU A UAAGCAUU	8849	AATGCTTA GGCTAGCTACAACGA AATGCTGA	32112
7565	3465	AUCUCCAU A CCAUACCA	8865	TGGTATGG GGCTAGCTACAACGA ATGGAGAT	32113
7570	3460	CAUACCAU A CCAACAGC	8866	GCTGTTGG GGCTAGCTACAACGA ATGGTATG	32114
7638	3392	AAUCUGUU A UCAACUUU	8875	AAAGTTGA GGCTAGCTACAACGA AACAGATT	32115
7743	3287	CAAUCUCU A CCCGGCCU	8895	AGGCCGGG GGCTAGCTACAACGA AGAGATTG	32116
7783	3247	UGUCUUGU A CCCAGGUC	8904	GACCTGGG GGCTAGCTACAACGA ACAAGACA	32117
7833	3197	UGACUGGU A UUAUCAAG	8912	CTTGATAA GGCTAGCTACAACGA ACCAGTCA	32118
7836	3194	CUGGUAUU A UCAAGUCA	8914	TGACTTGA GGCTAGCTACAACGA AATACCAG	32119
7874	3156	CACAAGGU A UGCGUCUC	8922	GAGACGCA GGCTAGCTACAACGA ACCTTGTG	32120
7892		GGCCACGU A CAUGAUUU	<del></del>	AAATCATG GGCTAGCTACAACGA ACGTGGCC	32121
1032	3138	GGCCACGO A CAUGAUUU	8925	MANICATO GOCTAGCIACAMONA ACOTOGCO	36161

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7937	3093	UUCCACGU A UCAUUGAG	8935	CTCAATGA GGCTAGCTACAACGA ACGTGGAA	32122
8108	2922	UCUAAGCU A UUCCAAGC	8971	GCTTGGAA GGCTAGCTACAACGA AGCTTAGA	32123
8198	2832	AAUAAAAU A CUCUUUCC	8988	GGAAAGAG GGCTAGCTACAACGA ATTTTATT	32124
8272	2758	UGACUUGU A CAUUCCCU	9007	AGGGAATG GGCTAGCTACAACGA ACAAGTCA	32125
8411	2619	CCUUCCUU A UGAGCUUU	9040	AAAGCTCA GGCTAGCTACAACGA AAGGAAGG	32126
		AGGGUAAU A CUUGUACC	9052	GGTACAAG GGCTAGCTACAACGA ATTACCCT	32127
8461	2569				
8467	2563	AUACUUGU A CCGGUCCA	9054	TGGACCGG GGCTAGCTACAACGA ACAAGTAT	32128
8499	2531	CAUUGUGU A UGAACACU	9060	AGTGTTCA GGCTAGCTACAACGA ACACAATG	32129
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8630	2400	AUGGACCU A UCACGAGC	9076	GCTCGTGA GGCTAGCTACAACGA AGGTCCAT	32132
8685	2345	CUUGCGUU A UCCAGGAC	9083	GTCCTGGA GGCTAGCTACAACGA AACGCAAG	32133
8913	2117	CCACCACU A UGUAUGAG	9117	CTCATACA GGCTAGCTACAACGA AGTGGTGG	32134
8917	2113	CACUAUGU A UGAGUCUC	9118	GAGACTCA GGCTAGCTACAACGA ACATAGTG	32135
9079	1951	GCCAGUGU A CUGCAAUU	9141	AATTGCAG GGCTAGCTACAACGA ACACTGGC	32136
9200	1830	UUCACUCU A CACUUCAA	9164	TTGAAGTG GGCTAGCTACAACGA AGAGTGAA	32137
9306	1724	CCAAUGCU A UCACAGAC	9178	GTCTGTGA GGCTAGCTACAACGA AGCATTGG	32138
9374	1656	CACACAGU A CUUCCAGC	9194	GCTGGAAG GGCTAGCTACAACGA ACTGTGTG	32139
9463	1567	CACGUAGU A UGCAUUGG	9209	CCAATGCA GGCTAGCTACAACGA ACTACGTG	32140
9517	1513	CUCUCCAU A UUCUCCAA	9219	TTGGAGAA GGCTAGCTACAACGA ATGGAGAG	32141
9538	1492	UAGUGUGU A UGAAGGCG	9226	CGCCTTCA GGCTAGCTACAACGA ACACACTA	32142
9655	1375	CACUUCGU A CUUGAUAU	9240	ATATCAAG GGCTAGCTACAACGA ACGAAGTG	32142
9662	1368	UACUUGAU A UUCUCUUU	9242	AAAGAGAA GGCTAGCTACAACGA ATCAAGTA	32144
9687	1343	UUCUUCCU A UUGCCUUG	9253	CAAGGCAA GGCTAGCTACAACGA AGGAAGAA	32145
9923	1107	GCCUCCAU A UUCAUCAU	9289	ATGATGAA GGCTAGCTACAACGA ATGGAGGC	32146
10165	865	CAGGGCAU A UCCAGGGU	9327	ACCCTGGA GGCTAGCTACAACGA ATGCCCTG	32147
10200	830	CUGUUUUU A CCAAAUAC	9339	GTATTTGG GGCTAGCTACAACGA AAAAACAG	32148
10207	823	UACCAAAU A CCUUGUGG	9340	CCACAAGG GGCTAGCTACAACGA ATTTGGTA	32149
10333	697	UCUUCCAU A CCUGACGU	9365	ACGTCAGG GGCTAGCTACAACGA ATGGAAGA	32150
10388	642	GGAUCAUU A CCAGCCGA	9375	TCGGCTGG GGCTAGCTACAACGA AATGATCC	32151
10424	606	GUGAUAGU A UCAUCGCA	9380	TGCGATGA GGCTAGCTACAACGA ACTATCAC	32152
10438	592	GCACAUGU A UCCCACAU	9383	ATGTGGGA GGCTAGCTACAACGA ACATGTGC	32153
10524	506	UAGCAUUU A CCGUCAUC	9401	GATGACGG GGCTAGCTACAACGA AAATGCTA	32154
10572	458	CUGCUCCU A CGCUGGCG	9412	CGCCAGCG GGCTAGCTACAACGA AGGAGCAG	32155
10803	227	CAAAUCGU A UUGGCCCC	9464	GGGGCCAA GGCTAGCTACAACGA ACGATTTG	32156
10889	141	UUUAGCAU A UUGACAGC	9482	GCTGTCAA GGCTAGCTACAACGA ATGCTAAA	32157
10997	33	CAAACACU A CUAAGUUU	9506	AAACTTAG GGCTAGCTACAACGA AGTGTTTG	32158
18	11012	GUUCUCGC A CCACCAGC	9513	GCTGGTGG GGCTAGCTACAACGA GCGAGAAC	32159
21	11009	CUCGCACC A CCAGCCAC	9515	GTGGCTGG GGCTAGCTACAACGA GGTGCGAG	
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28	11002	CACCAGCC A CCAUUGUC	9519	GACAATGG GGCTAGCTACAACGA GGCTGGTG	32161
31	10999	CAGCCACC A UUGUCGGC	9521	GCCGACAA GGCTAGCTACAACGA GGTGGCTG	32162
42	10988	GUCGGCGC A CUGUGCCG	9522	CGGCACAG GGCTAGCTACAACGA GCGCCGAC	32163
131	10899	UUUGUGGC A CGGGGUCU	9537	AGACCCCG GGCTAGCTACAACGA GCCACAAA	32164
142	10888	GGGUCUCC A CUAACCUC	9540	GAGGTTAG GGCTAGCTACAACGA GGAGACCC	32165
195	10835	GGCCGUGC A CUUUAAAC	9559	GTTTAAAG GGCTAGCTACAACGA GCACGGCC	32166
247	10783	UGGUUAAC A CCAUUACC	9574	GGTAATGG GGCTAGCTACAACGA GTTAACCA	32167
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313	10717	CCUGGGGC A CUAUCGCA	9589	TGCGATAG GGCTAGCTACAACGA GCCCCAGG	32169
328	10702	CAGACUGC A CUCUCCGC	9593	GCGGAGAG GGCTAGCTACAACGA GCAGTCTG	32170
345	10685	AGAGUAGC A CGCCGUAG	9598	CTACGGCG GGCTAGCTACAACGA GCTACTCT	32171
365	10665	GGUCUGAC A UUGGGCUU	9601	AAGCCCAA GGCTAGCTACAACGA GTCAGACC	32172
386	10644	GUUACAAC A UGUGGGGU	9604	ACCCCACA GGCTAGCTACAACGA GTTGTAAC	32173
425	10605	GGGCUUAC A UGGAUCAC	9612	GTGATCCA GGCTAGCTACAACGA GTAAGCCC	32174
432	10598	CAUGGAUC A CUUCGCGG	9613	CCGCGAAG GGCTAGCTACAACGA GATCCATG	32175
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	10548	CAGGCAGC A CCGUCUAC	9625	GTAGACGG GGCTAGCTACAACGA GCTGCCTG	32177
555	10475	CUAUUUAC A CUAACACC	9644	GGTGTTAG GGCTAGCTACAACGA GTAAATAG	32178
561	10469	ACACUAAC A CCACUAAA	9646	TTTAGTGG GGCTAGCTACAACGA GTTAGTGT	32179
564	10466	CUAACACC A CUAAAUAC	9648	GTATTTAG GGCTAGCTACAACGA GGTGTTAG	32180
587	10443	AAAACUAC A CUUUUAUG	9653	CATAAAAG GGCTAGCTACAACGA GTAGTTTT	32181
597	10433	UUUUAUGC A UACUUAUA	9655	TATAAGTA GGCTAGCTACAACGA GCATAAAA	32182
668	10362	GUGUCUUC A UAUCUCUU	9668	AAGAGATA GGCTAGCTACAACGA GAAGACAC	32183
687	10343	GUGAACUC A UGUAAUCC	9672	GGATTACA GGCTAGCTACAACGA GAGTTCAC	32184
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698	10332	UAAUCCAC A UACUUCUC	9675	GAGAAGTA GGCTAGCTACAACGA GTGGATTA	32186
707	10323	UACUUCUC A UCUCCGAU	9678	ATCGGAGA GGCTAGCTACAACGA GAGAAGTA	32187
741	10289	UGAUAGCC A CCUGGAUG	9685	CATCCAGG GGCTAGCTACAACGA GGCTATCA	32188
760	10270	UUCUGCCC A CGUGGCUC	9691	GAGCCACG GGCTAGCTACAACGA GGGCAGAA	32189
794	10236	AGGCUGCC A CACCAGAU	9700	ATCTGGTG GGCTAGCTACAACGA GGCAGCCT	32190
	10234	GCUGCCAC A CCAGAUGU	9701	ACATCTGG GGCTAGCTACAACGA GTGGCAGC	32191
796		GGGACGUC A CUCCAUUU	9709	AAATGGAG GGCTAGCTACAACGA GACGTCCC	32192
833	10197			TGGAGAAA GGCTAGCTACAACGA GGAGTGAC	32193
838	10192	GUCACUCC A UUUCUCCA	9712	AACCCCAG GGCTAGCTACAACGA GGAGAAAT	32194
846	10184	AUUUCUCC A CUGGGGUU	9715		
864	10166	UGUCUUCC A UCCAUUCA	9719	TGAATGGA GGCTAGCTACAACGA GGAAGACA	32195
868	10162	UUCCAUCC A UUCAUUCU	9721	AGAATGAA GGCTAGCTACAACGA GGATGGAA	32196
872	10158	AUCCAUUC A UUCUCCUC	9722	GAGGAGAA GGCTAGCTACAACGA GAATGGAT	32197
890	10140	AUCCAAAC A CGGUUCCA	9729	TGGAACCG GGCTAGCTACAACGA GTTTGGAT	32198
909	10121	CCUCCAAC A UGUCCUCU	9736	AGAGGACA GGCTAGCTACAACGA GTTGGAGG	32199
924	10106	CUGUUGUC A UCCACUCU	9740	AGAGTGGA GGCTAGCTACAACGA GACAACAG	32200
928	10102	UGUCAUCC A CUCUCCUC	9742	GAGGAGAG GGCTAGCTACAACGA GGATGACA	32201
941	10089	CCUCCUGC A UGGAUGGA	9749	TCCATCCA GGCTAGCTACAACGA GCAGGAGG	32202
952	10078	GAUGGACC A CGUGGUUC	9751	GAACCACG GGCTAGCTACAACGA GGTCCATC	32203
981	10049	CCCAAUUC A CAGGGACA	9757	TGTCCCTG GGCTAGCTACAACGA GAATTGGG	32204
1011	10019	CGUUGGCC A UGAGCCGC	9762	GCGGCTCA GGCTAGCTACAACGA GGCCAACG	32205
1051	9979	AAGCAGCC A CAUCUGGG	9771	CCCAGATG GGCTAGCTACAACGA GGCTGCTT	32206
	9977	GCAGCCAC A UCUGGGCA	9772	TGCCCAGA GGCTAGCTACAACGA GTGGCTGC	32207
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1061	9969				32208
1099	9931	GACGUUCC A UCCGGCCC	9781	GGGCCGGA GGCTAGCTACAACGA GGAACGTC	
1139	9891	ACCAAUUC A UCCUGUCC	9793	GGACAGGA GGCTAGCTACAACGA GAATTGGT	32210
1153	9877	UCCUCGGC A UGGAACCA	9798	TGGTTCCA GGCTAGCTACAACGA GCCGAGGA	32211
1161	9869	AUGGAACC A CCAGUGUU	9800	AACACTGG GGCTAGCTACAACGA GGTTCCAT	32212
1175	9855	GUUCUUCC A UCUUUCAU	9805	ATGAAAGA GGCTAGCTACAACGA GGAAGAAC	32213
1182	9848	CAUCUUUC A UGAUCAAU	9807	ATTGATCA GGCTAGCTACAACGA GAAAGATG	32214
1232	9798	UGCCAAUC A UACCAUCC	9816	GGATGGTA GGCTAGCTACAACGA GATTGGCA	32215
1237	9793	AUCAUACC A UCCAGUUG	9818	CAACTGGA GGCTAGCTACAACGA GGTATGAT	32216
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1284	9746	CCUUUGAC A UAGCAUUG	9828	CAATGCTA GGCTAGCTACAACGA GTCAAAGG	32218
1289	9741	GACAUAGC A UUGAGGAA	9829	TTCCTCAA GGCTAGCTACAACGA GCTATGTC	32219
1338	9692	GCUUUACC A CACAGUCA	9835	TGACTGTG GGCTAGCTACAACGA GGTAAAGC	32220
1340	9690	UUUACCAC A CAGUCAUC	9836	GATGACTG GGCTAGCTACAACGA GTGGTAAA	32221
1346	9684	ACACAGUC A UCUCCACU	9838	AGTGGAGA GGCTAGCTACAACGA GACTGTGT	32222
1352	9678	UCAUCUCC A CUGACAGC	9841	GCTGTCAG GGCTAGCTACAACGA GGAGATGA	32223
1362	9668	UGACAGCC A UGCGGCUG	9845	CAGCCGCA GGCTAGCTACAACGA GGCTGTCA	32224
1385	9645	UCUUCCC A UUCUCAAA	9852	TTTGAGAA GGCTAGCTACAACGA GGGGAAGA	32225
1440	9590	GUUUCUCC A CAUCAUCU	9868		32226
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1442	9588			GGCCCAGA GGCTAGCTACAACGA GATGTGGA	
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1458	9572	GGCCAAUC A CUCCUUCC	9874		32229
1473	9557	CCCCUUCC A UCAUCCUC	9883	GAGGATGA GGCTAGCTACAACGA GGAAGGGG	32230
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1482	9548	UCAUCCUC A CCAGCUGG	9887	CCAGCTGG GGCTAGCTACAACGA GAGGATGA	32232
1538	9492	ACUUGUCC A CUCCCCCU	9896	AGGGGGAG GGCTAGCTACAACGA GGACAAGT	32233
1568	9462	GAGAUAAC A UCCAUGAC	9907	GTCATGGA GGCTAGCTACAACGA GTTATCTC	32234
1572	9458	UAACAUCC A UGACGGUU	9909	AACCGTCA GGCTAGCTACAACGA GGATGTTA	32235
1586	9444	GUUCUUCC A UCAGCAGC	9912	GCTGCTGA GGCTAGCTACAACGA GGAAGAAC	32236
1602	9428	CCGGGCGC A UCACUUUC	9916	GAAAGTGA GGCTAGCTACAACGA GCGCCCGG	32237
1605	9425	GGCGCAUC A CUUUCACA	9917	TGTGAAAG GGCTAGCTACAACGA GATGCGCC	32238
1611	9419	UCACUUUC A CAACUUUG	9919	CAAAGTTG GGCTAGCTACAACGA GAAAGTGA	32239
1670	9360	UGUUCCCC A UCAAGCAG	9932	CTGCTTGA GGCTAGCTACAACGA GGGGAACA	32240
1686	9344	GCUCAAGC A CCUUAGCU	9937	AGCTAAGG GGCTAGCTACAACGA GCTTGAGC	32241
1697	9333	UUAGCUUC A UUUUCCAA	9941	TTGGAAAA GGCTAGCTACAACGA GAAGCTAA	32242
1745	9285	GCUGUGUC A UCAGCAUA	9953	TATGCTGA GGCTAGCTACAACGA GACACAGC	32243
1751	9279	UCAUCAGC A UAGAUCUU	9955	AAGATCTA GGCTAGCTACAACGA GCTGATGA	32244
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1826	9204	UGGUCUUC A UUGAGAAA	9977	TTTCTCAA GGCTAGCTACAACGA GAGACCA	32246 32247
1865					

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1914	9116	CGAGCCAC A UGAACCAA	10004	TTGGTTCA GGCTAGCTACAACGA GTGGCTCG	32249
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1983	9047	UUCCCAUC A UGUUGUAA	10026	TTACAACA GGCTAGCTACAACGA GATGGGAA	32251
2005	9025	AGUGUGAC A UUCCCCCC	10028	GGGGGGAA GGCTAGCTACAACGA GTCACACT	32252
2036	8994	CGCUCCUC A UCCACCAU	10040	ATGGTGGA GGCTAGCTACAACGA GAGGAGCG	32253
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2126	8904	AAAGCUGC A UUGCUGUU	10070	AACAGCAA GGCTAGCTACAACGA GCAGCTTT	32259
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2166	8864	GAGAGCAC A UUCUGGGA		ACTGGTTG GGCTAGCTACAACGA GGGCGTTT	
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2219	8811	GUGGUCUC A UUGAGCAC	10092	GTGCTCAA GGCTAGCTACAACGA GAGACCAC	32263
2226	8804	CAUUGAGC A CGUACUUC	10093	GAAGTACG GGCTAGCTACAACGA GCTCAATG	32264
2235	8795	CGUACUUC A CUCCUUCU	10095	AGAAGGAG GGCTAGCTACAACGA GAAGTACG	32265
2268	8762	UCGUGUCC A CCUUCUCU	10103	AGAGAAGG GGCTAGCTACAACGA GGACACGA	32266
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2316	8714	UGUCAGUC A UGGCCAUG	10115	CATGGCCA GGCTAGCTACAACGA GACTGACA	32268
2322	8708	UCAUGGCC A UGGUGGUA	10117	TACCACCA GGCTAGCTACAACGA GGCCATGA	32269
2333	8697	GUGGUAAC A UUCGUGAU	10118	ATCACGAA GGCTAGCTACAACGA GTTACCAC	32270
2350	8680	GGUGUCCC A UGGUUUUG	10121	CAAAACCA GGCTAGCTACAACGA GGGACACC	32271
2373	8657	GCCUGACC A CUCCAUUG	10125	CAATGGAG GGCTAGCTACAACGA GGTCAGGC	32272
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2414	8616	GGCUUCAC A UCAUAACU	10136	AGTTATGA GGCTAGCTACAACGA GTGAAGCC	32275
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2459	8571	UGGUUCUC A UCGUGGUG	10144	CACCACGA GGCTAGCTACAACGA GAGAACCA	32277
2470	8560	GUGGUGCC A CGUCGAAC	10146	GTTCGACG GGCTAGCTACAACGA GGCACCAC	32278
2486	8544	CUGUACUC A CGCCUGAG	10149	CTCAGGCG GGCTAGCTACAACGA GAGTACAG	32279
2550	8480	GUUUUCCC A CCGCCCUG	10161	CAGGGCGG GGCTAGCTACAACGA GGGAAAAC	32280 .
2564	8466	CUGGUUCC A CUUCCCAA	10167	TTGGGAAG GGCTAGCTACAACGA GGAACCAG	32281
2579	8451	AAGUUUAC A UCUUCCUC	10172	GAGGAAGA GGCTAGCTACAACGA GTAAACTT	32282
2619	8411	UUUUUUCC A UUCUUCCU	10184	AGGAAGAA GGCTAGCTACAACGA GGAAAAAA	32283
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2664	8366	AAUGUACC A CAUUGCCU	10196	AGGCAATG GGCTAGCTACAACGA GGTACATT	32287
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2685	8345	CUCGACUC A CCCAAUAC	10202		32289
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2744	8286	CCCCCCC A UACCGGCG	10219	CGCCGGTA GGCTAGCTACAACGA GGGGGGGG	32291
2766	8264	GCAGCUCC A UCUUCUCU	10213	AGAGAAGA GGCTAGCTACAACGA GGAGCTGC	32292
2787	8243	CUUUCGGC A UGUAGGGG	10229	CCCCTACA GGCTAGCTACAACGA GCCGAAAG	32293
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2930	8100	AGGGUGUC A CAACACUC	10268		32299
2935	8095	GUCACAAC A CUCAGAAG	10270	CTTCTGAG GGCTAGCTACAACGA GTTGTGAC	32300
2955	8075	UGUAGAAC A CAUCCACU	10274	AGTGGATG GGCTAGCTACAACGA GTTCTACA	32301
2957	8073	UAGAACAC A UCCACUCC	10275	GGAGTGGA GGCTAGCTACAACGA GTGTTCTA	32302
2961	8069	ACACAUCC A CUCCACUC	10277	GAGTGGAG GGCTAGCTACAACGA GGATGTGT	32303
2966	8064	UCCACUCC A CUCUUCAU	10280	ATGAAGAG GGCTAGCTACAACGA GGAGTGGA	32304
2973	8057	CACUCUUC A UGGUGACA	10283	TGTCACCA GGCTAGCTACAACGA GAAGAGTG	32305
2989	8041	AAUGUUCC A UCCAUAAC	10286	GTTATGGA GGCTAGCTACAACGA GGAACATT	32306
2993	8037	UUCCAUCC A UAACUUUG	10288	CAAAGTTA GGCTAGCTACAACGA GGATGGAA	32307
3003	8027	AACUUUGC A CUAGUUGG	10290	CCAACTAG GGCTAGCTACAACGA GCAAAGTT	32308
3020	8010	GGCUCUUC A UGUCCGGG	10294	CCCGGACA GGCTAGCTACAACGA GAAGAGCC	32309
3078	7952	GGGUUGCC A UAUAGUAA	10309	TTACTATA GGCTAGCTACAACGA GGCAACCC	32310

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3088	7942	AUAGUAAC A CCAACCGC	10310	GCGGTTGG GGCTAGCTACAACGA GTTACTAT	32311
3104	7926	CCUCUUCC A CAUCCAAG	10318	CTTGGATG GGCTAGCTACAACGA GGAAGAGG	32312
3106	7924	UCUUCCAC A UCCAAGGU	10319	ACCTTGGA GGCTAGCTACAACGA GTGGAAGA	32313
3120	7910	GGUCAAUC A CUUUUCCG	10323	CGGAAAAG GGCTAGCTACAACGA GATTGACC	32314
3160	7870	GACCAGCC A UCUCAGUU	10333	AACTGAGA GGCTAGCTACAACGA GGCTGGTC	32315
3206	7824	CCAGUGAC A UUGCCUUC	10347	GAAGGCAA GGCTAGCTACAACGA GTCACTGG	32316
3294	7736	CUUUUGUC A UCUGGUUG	10364	CAACCAGA GGCTAGCTACAACGA GACAAAAG	32317
<b></b>		UUUGCCCC A CCUCUUUU	10381	AAAAGAGG GGCTAGCTACAACGA GGGGCAAA	32318
3347	7683	GUUUUUCC A UGUUCUUU	10388	AAAGAACA GGCTAGCTACAACGA GGAAAAAC	32319
3372	7658			CCATAACA GGCTAGCTACAACGA GGACACTC	
3391	7639	GAGUGUCC A UGUUAUGG	10391		32320
3406	7624	GGAUAGAC A UGACAACC	10392	GGTTGTCA GGCTAGCTACAACGA GTCTATCC	32321
3422	7608	CAACCCCC A CGCAUGAU	10400	ATCATGCG GGCTAGCTACAACGA GGGGGTTG	32322
3426	7604	CCCCACGC A UGAUGUGG	10401	CCACATCA GGCTAGCTACAACGA GCGTGGGG	32323
3479	7551	CUUGCUCC A UUCUCCCA	10411	TGGGAGAA GGCTAGCTACAACGA GGAGCAAG	32324
3495	7535	AAAGCGUC A CCGCUGCG	10416	CGCAGCGG GGCTAGCTACAACGA GACGCTTT	32325
3540	7490	CUGUCUUC A CAGACGGG	10426	CCCGTCTG GGCTAGCTACAACGA GAAGACAG	32326
3552	7478	ACGGGUUC A CUACUACU	10428	AGTAGTAG GGCTAGCTACAACGA GAACCCGT	32327
3573	7457	CUAGAGAC A CCAAGAUC	10434	GATCTTGG GGCTAGCTACAACGA GTCTCTAG	32328
3585	7445	AGAUCAGC A UGAUCUGU	10438	ACAGATCA GGCTAGCTACAACGA GCTGATCT	32329
3609	7421	UCUUCUGC A UGAUGGGU	10445	ACCCATCA GGCTAGCTACAACGA GCAGAAGA	32330
3651	7379	CCGUGGCC A CGAUGCCA	10451	TGGCATCG GGCTAGCTACAACGA GGCCACGG	32331
3659	7371	ACGAUGCC A UCCACUAC	10453	GTAGTGGA GGCTAGCTACAACGA GGCATCGT	32332
3663	7367	UGCCAUCC A CUACAGCG	10455	CGCTGTAG GGCTAGCTACAACGA GGATGGCA	32333
3678	7352	CGUUCUUC A UGAUUCCG	10459	CGGAATCA GGCTAGCTACAACGA GAAGAACG	32334
3714	7316	CUGAGCGC A UUGCCUCA	10457	TGAGGCAA GGCTAGCTACAACGA GCGCTCAG	32335
		CGGGAACC A UGUAGGCA	10476	TGCTACA GGCTAGCTACAACGA GGTTCCCG	32336
3741	7289				
3749	7281	AUGUAGGC A UAGUGGCA	10477	TGCCACTA GGCTAGCTACAACGA GCCTACAT	32337
3811	7219	UCCCCAGC A UCCGGCUG	10487	CAGCCGGA GCTAGCTACAACGA GCTGGGGA	32338
3837	7193	GAGCCGAC A CUCCAACA	10493	TGTTGGAG GGCTAGCTACAACGA GTCGGCTC	32339
3845	7185	ACUCCAAC A UCGACGAA	10497	TTCGTCGA GGCTAGCTACAACGA GTTGGAGT	32340
3884	7146	AAUAGUGC A CUUGCCUG	10500	CAGGCAAG GGCTAGCTACAACGA GCACTATT	32341
3975	7055	CUGUUGUC A CAGCGUAC	10511	GTACGCTG GGCTAGCTACAACGA GACAACAG	32342
4029	7001	ACUCUCCC A UGCUGAAA	10527	TTTCAGCA GGCTAGCTACAACGA GGGAGAGT	32343
4082	6948	CUUAUGUC A CUCUUGGU	10542	ACCAAGAG GGCTAGCTACAACGA GACATAAG	32344
4107	6923	GCCAACCC A UCUCGUUG	10551	CAACGAGA GGCTAGCTACAACGA GGGTTGGC	32345
4122	6908	UGGCUGCC A CUGCGCUC	10555	GAGCGCAG GGCTAGCTACAACGA GGCAGCCA	32346
4131	. 6899	CUGCGCUC A CAAGGGUC	10558	GACCCTTG GGCTAGCTACAACGA GAGCGCAG	32347
4140	6890	CAAGGGUC A UGACACAA	10560	TTGTGTCA GGCTAGCTACAACGA GACCCTTG	32348
4145	6885	GUCAUGAC A CAAAUCAG	10561	CTGATTTG GGCTAGCTACAACGA GTCATGAC	32349
4158	6872	UCAGGAAC A CGGCUAGC	10564	GCTAGCCG GGCTAGCTACAACGA GTTCCTGA	32350
4212	6818	GAAUUAGC A CAAUCAUC	10574	GATGATTG GGCTAGCTACAACGA GCTAATTC	32351
4218	6812	GCACAAUC A UCAAGAGA	10576	TCTCTTGA GGCTAGCTACAACGA GATTGTGC	32352
4242	6788	GCAGCAAC A UUCCGGCG	10580		32353
4275	6755	CUUCAGCC A UCCAACAG	10588		32354
4347	6683	UCCGCUGC A UGAGGAGG	10612		32355
4368	6662	AUACUCCC A UGGUCAUC	10616		32356
		<del> </del>	10617		32357
4374	6656	CCAUGGUC A UCACACUC			
4377	6653	UGGUCAUC A CACUCAAU	10618		32358
4379	6651	GUCAUCAC A CUCAAUAA	10619		32359
4415	6615	UGAAGAGC A UCUGGCAG	10626		32360
4437	6593	CCAGGGCC A UUCUGUGA	10634		32361
4473	6557	CAGUGGCC A CAACGUAC	10646	<u> </u>	32362
4482	6548	CAACGUAC A UGGUGUCA	10648		32363
4501	6529	UGCUUCCC A UGUCUUCC	10653	GGAAGACA GGCTAGCTACAACGA GGGAAGCA	32364
4512	6518	UCUUCCCC A UGAAGUGC	10658	GCACTTCA GGCTAGCTACAACGA GGGGAAGA	32365
4527	6503	GCUCAGGC A UCUUUCCC	10661	GGGAAAGA GGCTAGCTACAACGA GCCTGAGC	32366
4617	6413	CCGAGUAC A CCCUGGCG	10682	CGCCAGGG GGCTAGCTACAACGA GTACTCGG	32367
4658	6372	UUCCUUUC A CCAAGCUU	10695	AAGCTTGG GGCTAGCTACAACGA GAAAGGAA	32368
4680	6350	UGACUUCC A CUUCGUUG	10701	CAACGAAG GGCTAGCTACAACGA GGAAGTCA	32369
4721	6309	CUAGGACC A UCAAAGCA	10708		32370
4729	6301	AUCAAAGC A CCACCUCC	10710		32371
4732	6298	AAAGCACC A CCUCCGGU	10712		32372
4752	6278	GGUAUGAC A CUCCAGCC	10716	<u> </u>	32373
	<u> </u>		1-0,50		

			10750	ACCATGGA GGCTAGCTACAACGA GGGGAATA	32374
4856	6174	UAUUCCCC A UCCAUGGU	10750	ATATACCA GGCTAGCTACAACGA GGATGGGG	32375
4860	6170	CCCCAUCC A UGGUAUAU	10752		
4877	6153	ACCUUCUC A CGCUCUGG	10756	CCAGAGCG GGCTAGCTACAACGA GAGAAGGT	32376
4917	6113	CGUUUGGC A UGUUGAUG	10761	CATCAACA GGCTAGCTACAACGA GCCAAACG	32377
4935	6095	UGUCCAGC A UGAUUCGU	10764	ACGAATCA GGCTAGCTACAACGA GCTGGACA	32378
4979	6051	UCGUCUUC A UUCGUGUG	10771	CACACGAA GGCTAGCTACAACGA GAAGACGA	32379
4994	6036	UGCCCCCC A UAACAGUA	10777	TACTGTTA GGCTAGCTACAACGA GGGGGGCA	32380
5006	6024	CAGUACUC A UCACCAAC	10780	GTTGGTGA GGCTAGCTACAACGA GAGTACTG	32381
5009	6021	UACUCAUC A CCAACUUG	10781	CAAGTTGG GGCTAGCTACAACGA GATGAGTA	32382
5042	5988	AUACGUCC A CGUCUCUG	10788	CAGAGACG GGCTAGCTACAACGA GGACGTAT	32383
5057	5973	UGGGCGGC A CUAGCUGC	10791	GCAGCTAG GGCTAGCTACAACGA GCCGCCCA	32384
5070	5960	CUGCUGUC A CUGCAGAU	10795	ATCTGCAG GGCTAGCTACAACGA GACAGCAG	32385
	5936	CCAGGAUC A CUCUCCCU	10802	AGGGAGAG GGCTAGCTACAACGA GATCCTGG	32386
5094		UUGGUUUC A CACUCUUC	10812	GAAGAGTG GGCTAGCTACAACGA GAAACCAA	32387
5130	5900		10813	CGGAAGAG GGCTAGCTACAACGA GTGAAACC	32388
5132	5898	GGUUUCAC A CUCUUCCG			32389
5151	5879	UGUCAAUC A CCCUGCUC	10819	GAGCAGGG GGCTAGCTACAACGA GATTGACA	
5178	5852	UAGCCCCC A UUUCAGAU	10830	ATCTGAAA GGCTAGCTACAACGA GGGGGCTA	32390
5216	5814	UCCCAAUC A UCGUUCUU	10837	AAGAACGA GGCTAGCTACAACGA GATTGGGA	32391
5227	5803	GUUCUUAC A UUUUGGGU	10839	ACCCAAAA GGCTAGCTACAACGA GTAAGAAC	32392
5285	5745	UUUCCAGC A CGUUGUAG	10851	CTACAACG GGCTAGCTACAACGA GCTGGAAA	32393
5309	5721	GCAAUCUC A UUCCCCAU	10855	ATGGGGAA GGCTAGCTACAACGA GAGATTGC	32394
5316	5714	CAUUCCCC A UCUUGACA	10859	TGTCAAGA GGCTAGCTACAACGA GGGGAATG	32395
5324	5706	AUCUUGAC A CUAGGCAC	10861	GTGCCTAG GGCTAGCTACAACGA GTCAAGAT	32396
5331	5699	CACUAGGC A CAAACCAA	10863	TTGGTTTG GGCTAGCTACAACGA GCCTAGTG	32397
5368	5662	UGUGAUCC A UUCGUAUC	10873	GATACGAA GGCTAGCTACAACGA GGATCACA	32398
5475	5555	UGGCUGUC A UGAAUAUU	10889	AATATTCA GGCTAGCTACAACGA GACAGCCA	32399
5564	5466	UGAGCCUC A UCCAUCAC	10910	GTGATGGA GGCTAGCTACAACGA GAGGCTCA	32400
<del></del>	5462	CCUCAUCC A UCACGAAC	10912	GTTCGTGA GGCTAGCTACAACGA GGATGAGG	32401
5568		CAUCCAUC A CGAACAGG	10913	CCTGTTCG GGCTAGCTACAACGA GATGGATG	32402
5571	5459		10915	TCACAGGG GGCTAGCTACAACGA GCCGAACT	32403
5592	5438	AGUUCGGC A CCCUGUGA		CAGGCTGA GGCTAGCTACAACGA GCCGAACT	32404
5607	5423	GAGGAGAC A UCAGCCUG	10919		32404
5630	5400	AGGGUAGC A UGACACAU	10923	ATGTGTCA GGCTAGCTACAACGA GCTACCCT	
5635	5395	AGCAUGAC A CAUGACAU	10924	ATGTCATG GGCTAGCTACAACGA GTCATGCT	32406
5637	5393	CAUGACAC A UGACAUCA	10925	TGATGTCA GGCTAGCTACAACGA GTGTCATG	32407
5642	5388	CACAUGAC A UCAACAAU	10926	ATTGTTGA GGCTAGCTACAACGA GTCATGTG	32408
5654	5376	ACAAUCUC A UUUCCAUU	10930	AATGGAAA GGCTAGCTACAACGA GAGATTGT	32409
5660	5370	UCAUUUCC A UUAUGUUC	10932	GAACATAA GGCTAGCTACAACGA GGAAATGA	32410
5676	5354	CUCUGGGC A CUGCGGAU	10935	ATCCGCAG GGCTAGCTACAACGA GCCCAGAG	32411
5724	5306	CUUCAGCC A UCUCAGCA	10947	TGCTGAGA GGCTAGCTACAACGA GGCTGAAG	32412
5736	5294	CAGCAGCC A CAACCCUG	10952	CAGGGTTG GGCTAGCTACAACGA GGCTGCTG	32413
5757	5273	GUGCUAGC A CGGCUGUU	10958	AACAGCCG GGCTAGCTACAACGA GCTAGCAC	32414
5871	5159	UCCUCAGC A UCUCAGGU	10982	ACCTGAGA GGCTAGCTACAACGA GCTGAGGA	32415
5903	5127	AUUGGCUC A UCCAUCCU	10988		32416
5907	5123	GCUCAUCC A UCCUUUCA	10990		32417
5915	5115	AUCCUUUC A CCCUGCAC	10993		32418
5922	5108	CACCCUGC A CUAUCGCG	10997		32419
		CGUUGGGC A UUAUGACU	11001		32420
5952	5078				32421
5963	5067	AUGACUCC A UUGCCAUA	11004		
5969	5061	CCAUUGCC A UAAAGCCC	11006		32422
5982	5048	GCCCAAUC A CAUCACCG	11010		32423
5984	5046	CCAAUCAC A UCACCGUU	11011		32424
5987	5043	AUCACAUC A CCGUUUUU	11012		32425
6000	5030	UUUUGUCC A CUAUUGGU	11015		32426
6042	4988	CCAAAGUC A CGGCCCCG	11023		32427
6075	4955	UUUUGAAC A CCCCUGGU	11031		32428
6120	4910	CAGGUUCC A CCACAAUC	11042		32429
6123	4907	GUUCCACC A CAAUCAUC	11044	GATGATTG GGCTAGCTACAACGA GGTGGAAC	32430
6129	4901	CCACAAUC A UCUGCACC	11046		32431
6135	4895	UCAUCUGC A CCUCAUCC	11048	<u> </u>	32432
6140	4890	UGCACCUC A UCCUGCCC	11051		32433
6154	4876	CCCGUUCC A CUUGUGCU	11057		32434
6206	4824	UCCUUGAC A CUGCCCCA	11071		32435
<u> </u>	<del></del>	CUCCGCUC A UCAAAGCG			
6243	4787	CUCCGCUC A UCAAAGCG	11085	CGCTTIGA GGCTAGCTACAACGA GAGCGGAG	32436

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6287	4743	UGGAAAAC A CCUUCAAC	11092	GTTGAAGG GGCTAGCTACAACGA GTTTTCCA	32437
6297	4733	CUUCAACC A UCACGCCC	11097	GGGCGTGA GGCTAGCTACAACGA GGTTGAAG	32438
6300	4730	CAACCAUC A CGCCCGCU	11098	AGCGGGCG GGCTAGCTACAACGA GATGGTTG	32439
6335	4695	AGCAGCCC A CGAGUCAU	11110	ATGACTCG GGCTAGCTACAACGA GGGCTGCT	32440
6342	4688	CACGAGUC A UGAUCCUG	11111	CAGGATCA GGCTAGCTACAACGA GACTCGTG	32441
6406	4624	AGUGUCCC A CAACACGC	11125	GCGTGTTG GGCTAGCTACAACGA GGGACACT	32442
6411	4619	CCCACAAC A CGCCUCCU	11127	AGGAGGCG GGCTAGCTACAACGA GTTGTGGG	32443
6488	4542	GUGUACGC A CUAAUCGC	11144	GCGATTAG GGCTAGCTACAACGA GCGTACAC	32444
6507	4523	GACAGACC A UUCUGAGC	11148	GCTCAGAA GGCTAGCTACAACGA GGTCTGTC	32445
	4514	UUCUGAGC A UCCAUAUC	11150	GATATGGA GGCTAGCTACAACGA GCTCAGAA	32446
6516	4510	GAGCAUCC A UAUCUUCC	11152	GGAAGATA GGCTAGCTACAACGA GGATGCTC	32447
6520		CCUGGAUC A UUCAUGAG	11159	CTCATGAA GGCTAGCTACAACGA GATCCAGG	32448
6545	4485	GAUCAUUC A UGAGCUGG	11160	CCAGCTCA GGCTAGCTACAACGA GAATGATC	32449
6549	4481		11163	GATGATGA GGCTAGCTACAACGA GGAAACTT	32450
6566	4464	AAGUUUCC A UCAUCAUC	11164	CTTGATGA GGCTAGCTACAACGA GATGGAAA	32451
6569	4461	UUUCCAUC A UCAUCAAG		CGGCTTGA GGCTAGCTACAACGA GATGATGG	32452
6572	4458	CCAUCAUC A UCAAGCCG	11165	AGTTGATG GGCTAGCTACAACGA GCGGCTTG	32453
6582	4448	CAAGCCGC A CAUCAACU	11168		32454
6584	4446	AGCCGCAC A UCAACUCU	11169	AGAGTTGA GGCTAGCTACAACGA GTGCGGCT	
6617	4413	AUUUCUGC A UCACUUUC	11177	GAAAGTGA GGCTAGCTACAACGA GCAGAAAT	32455
6620	4410	UCUGCAUC A CUUUCCCA	11178	TGGGAAAG GGCTAGCTACAACGA GATGCAGA	32456
6655	4375	CUCAAUCC A CAUAUCUG	11189	CAGATATG GGCTAGCTACAACGA GGATTGAG	32457
6657	4373	CAAUCCAC A UAUCUGUU	11190	AACAGATA GGCTAGCTACAACGA GTGGATTG	32458
6681	4349	CAGAAAUC A CGAAAGCA	11195	TGCTTTCG GGCTAGCTACAACGA GATTTCTG	32459
6696	4334	CAGCAAAC A UGAGCCCC	11198	GGGGCTCA GGCTAGCTACAACGA GTTTGCTG	32460
6714	4316	CGAUAGUC A UUGGAAUG	11202	CATTCCAA GGCTAGCTACAACGA GACTATCG	32461
6726	4304	GAAUGGCC A UGGAGUCA	11204	TGACTCCA GGCTAGCTACAACGA GGCCATTC	32462
6771	4259	UGGCAAAC A UUAGGCCG	11216	CGGCCTAA GGCTAGCTACAACGA GTTTGCCA	32463
6789	4241	CAGCUGUC A UCACUUCA	11220	TGAAGTGA GGCTAGCTACAACGA GACAGCTG	32464
6792	4238	CUGUCAUC A CUUCAGUU	11221	AACTGAAG GGCTAGCTACAACGA GATGACAG	32465
6808	4222	UGCGGGCC A UCCGCGUU	11225	AACGCGGA GGCTAGCTACAACGA GGCCCGCA	32466
6830	4200	UUGGGAUC A CAUGCAAU	11227	ATTGCATG GGCTAGCTACAACGA GATCCCAA	32467
6832	4198	GGGAUCAC A UGCAAUCA	11228	TGATTGCA GGCTAGCTACAACGA GTGATCCC	32468
6858	4172	CAAGGAUC A UGGGGUUG	11235	CAACCCCA GGCTAGCTACAACGA GATCCTTG	32469
6895	4135	AGCCAAGC A UAGCAGAC	11241	GTCTGCTA GGCTAGCTACAACGA GCTTGGCT	32470
6929	4101	GCAGCUGC A CUCCUCUU	11250	AAGAGGAG GGCTAGCTACAACGA GCAGCTGC	32471
6966	4064	UUCCGACC A UCAACAGC	11265	GCTGTTGA GGCTAGCTACAACGA GGTCGGAA	32472
6987	4043	UCCUGUAC A CAUCCAGA	11271	TCTGGATG GGCTAGCTACAACGA GTACAGGA	32473
6989	4041	CUGUACAC A UCCAGAUU	11272	AATCTGGA GGCTAGCTACAACGA GTGTACAG	32474
7003	4027	AUUCAAGC A UCUCAGCC	11276	GGCTGAGA GGCTAGCTACAACGA GCTTGAAT	32475
7044	3986	GAACAACC A CGUUUGAU	11286	ATCAAACG GGCTAGCTACAACGA GGTTGTTC	32476
7083	3947	UCAGUAUC A UCCAAGCU	11290	AGCTTGGA GGCTAGCTACAACGA GATACTGA	32477
7110	3920	AAUUCAAC A CAUCAGGG	11298	CCCTGATG GGCTAGCTACAACGA GTTGAATT	32478
7112	3918	UUCAACAC A UCAGGGAU	11299		32479
7145	3885	UGGCGGGC A UCGUGAUA	11306	TATCACGA GGCTAGCTACAACGA GCCCGCCA	32480
7158	3872	GAUAAGCC A UUUGAAAG		CTTTCAAA GGCTAGCTACAACGA GGCTTATC	32481
7182	3848	CCGCCAAC A UCAACAAA	11313		32482
7210	3820	GUUGGUCC A UCUCGCUU	11320		32483
7233	3797	ACGAUGCC A CCAUAAAC	11324		32484
7236	3794	AUGCCACC A UAAACACU	11326		32485
7242	3788	CCAUAAAC A CUGGUUGU	11327		32486
7266	3764	AGGUCGCC A UGAGCGCC	11331		32487
7284	3746	AGUGUACC A CGUCUCCU	11335		32488
7323	3707	CUGCCCC A CCAAGAUG	11347		32489
7334	3696	AAGAUGAC A UAGCGUAA	11350	<u> </u>	32490
7344	3686	AGCGUAAC A CAUCAGUG	11351		32491
7344	3684	CGUAACAC A UCAGUGUA	11352		32492
7371	3659	CCCCAAAC A CCAGGACU	11352		32493
7404	3626	UAGCUGGC A UGCUGAUC	11367		32494
7423	3607	GGCUGUCC A CCUCUUGC	11372		32495
7458	3572	CCAAGAAC A CGACCAGA	11382		32496
7491	3539	GGUCAAUC A UAUCAGCA	11302		32497
7499	3533	AUAUCAGC A UUAUAAGC	11390		32498
	<del></del>	UUAUAAGC A UUCACUUG			32499
7508	3522	JUNUARGE A COCACOOG	11393	CAMBIGAM GOLIAGEIACAACGA GCITATAA	1 36433

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7512	3518	AAGCAUUC A CUUGUGAC	11394	GTCACAAG GGCTAGCTACAACGA GAATGCTT	32500
7524	3506	GUGACUGC A CGAGGGUC	11397	GACCCTCG GGCTAGCTACAACGA GCAGTCAC	32501
7538	3492	GUCUUUUC A UCAUGUCU	11399	AGACATGA GGCTAGCTACAACGA GAAAAGAC	32502
7541	3489	UUUUCAUC A UGUCUCUG	11400	CAGAGACA GGCTAGCTACAACGA GATGAAAA	32503
7563	3467	UGAUCUCC A UACCAUAC	11406	GTATGGTA GGCTAGCTACAACGA GGAGATCA	32504
7568	3462	UCCAUACC A UACCAACA	11408	TGTTGGTA GGCTAGCTACAACGA GGTATGGA	32505
7627	3403	CCUGCAGC A CCAAUCUG	11421	CAGATTGG GGCTAGCTACAACGA GCTGCAGG	32506
7679		GCAGGUCC A CGGUGUCC	11433	GGACACCG GGCTAGCTACAACGA GGACCTGC	32507
	3351			ACCCTGAG GGCTAGCTACAACGA GAGAGCTG	32508
7697	3333	CAGCUCUC A CUCAGGGU	11438		
7759	3271	UUCGUCCC A UGGGCCCU	11454	AGGGCCCA GGCTAGCTACAACGA GGGACGAA	32509
7844	3186	AUCAAGUC A CUCUCAAG	11471	CTTGAGAG GGCTAGCTACAACGA GACTTGAT	32510
7859	3171	AGGAUUCC A UCGCCCCA	11476	TGGGGCGA GGCTACCTACAACGA GGAATCCT	32511
7867	3163	AUCGCCCC A CAAGGUAU	11480	ATACCTTG GGCTAGCTACAACGA GGGGCGAT	32512
7888	3142	CUCAGGCC A CGUACAUG	11485	CATGTACG GGCTAGCTACAACGA GGCCTGAG	32513
7894	3136	CCACGUAC A UGAUUUGA	11486	TCAAATCA GGCTAGCTACAACGA GTACGTGG	32514
7907	3123	UUGACUUC A CCCAGAAC	11488	GTTCTGGG GGCTAGCTACAACGA GAAGTCAA	32515
7933	3097	AAGCUUCC A CGUAUCAU	11499	ATGATACG GGCTAGCTACAACGA GGAAGCTT	32516
7940	3090	CACGUAUC A UUGAGCCU	11500	AGGCTCAA GGCTAGCTACAACGA GATACGTG	32517
7973	3057	GACAGGUC A CUGUGGAU	11508	ATCCACAG GGCTAGCTACAACGA GACCTGTC	32518
8024	3006	UUCGAGUC A CAUUCAGU	11518	ACTGAATG GGCTAGCTACAACGA GACTCGAA	32519
8026	3004	CGAGUCAC A UUCAGUUG	11519	CAACTGAA GGCTAGCTACAACGA GTGACTCG	32520
8061	2969	UCAGGAAC A UCCGAGUG	11528	CACTOGGA GGCTAGCTACAACGA GTTCCTGA	32521
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8361	2669	CUUCCCAC A UUUGAUGC	11606	GCATCAAA GGCTAGCTACAACGA GTGGGAAG	32534
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8492	2538		11638	ATACACAA GGCTAGCTACAACGA GATGTGGA	32540
8505	2525	GUAUGAAC A CUCCACUU	11639	AAGTGGAG GGCTAGCTACAACGA GTTCATAC	32541
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8973	2057	CCGUGGCC A CUGAAACA	11764	TGTTTCAG GGCTAGCTACAACGA GGCCACGG	32558
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642	10388	ACAGUACU G UGUCCUCA	12354		32736
644	10386	AGUACUGU G UCCUCAAC	12355		32737
657	10373	CAACCAAA G UUGUGUCU	12356	1	32738
660	10370	CCAAAGUU G UGUCUUCA	12357	TGAAGACA GGCTAGCTACAACGA AACTTTGG	32739
662	10368	AAAGUUGU G UCUUCAUA	12358	TATGAAGA GGCTAGCTACAACGA ACAACTTT	32740
679	10351	UCUCUUUA G UGAACUCA	12359	TGAGTTCA GGCTAGCTACAACGA TAAAGAGA	32741
689	10341	GAACUCAU G UAAUCCAC	12360	GTGGATTA GGCTAGCTACAACGA ATGAGTTC	32742
720	10310	CGAUGAUU G CUCUGACU	12361	AGTCAGAG GGCTAGCTACAACGA AATCATCG	32743
731	10299	CUGACUUG G UUGAUAGC	12362	GCTATCAA GGCTAGCTACAACGA CAAGTCAG	32744
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGTGG GGCTAGCTACAACGA TATCAACC	32745
749	10281	ACCUGGAU G UUUUCUGC	12364		32746
756	10274	UGUUUUCU G CCCACGUG	12365	<u> </u>	32747
762	10268	CUGCCCAC G UGGCUCGG	12366		32748
765	10265	CCCACGUG G CUCGGGCU	12367	<del></del>	32749
771	10259	UGGCUCGG G CUCUUGUG	12368		32750
777	10253	GGGCUCUU G UGCCAAUC	12369	GATTGCA GGCTAGCTACAACGA AAGAGCCC	32751

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779	10251	GCUCUUGU G CCAAUCAG	12370	CTGATTGG GGCTAGCTACAACGA ACAAGAGC	32752
788	10242	CCAAUCAG G CUGCCACA	12371	TGTGGCAG GGCTAGCTACAACGA CTGATTGG	32753
791	10239	AUCAGGCU G CCACACCA	12372	TGGTGTGG GGCTAGCTACAACGA AGCCTGAT	32754
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GGCTAGCTACAACGA ATCTGGTG	32755
811	10219	GUCCUCUC G VUUUCCUG	12374	CAGGAAAA GGCTAGCTACAACGA GAGAGGAC	<del></del>
					32756
830	10200	UAUGGGAC G UCACUCCA	12375	TGGAGTGA GCTAGCTACAACGA GTCCCATA	32757
852	10178	CCACUGGG G UUUUGUCU	12376	AGACAAAA GGCTAGCTACAACGA CCCAGTGG	32758
857	10173	GGGGUUUU G UCUUCCAU	12377	ATGGAAGA GGCTAGCTACAACGA AAAACCCC	32759
893	10137	CAAACACG G UUCCAGAC	12378	GTCTGGAA GGCTAGCTACAACGA CGTGTTTG	32760
911	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GGCTAGCTACAACGA ATGTTGGA	32761
918	10112	UGUCCUCU G UUGUCAUC	12380	GATGACAA GGCTAGCTACAACGA AGAGGACA	32762
921	10109	CCUCUGUU G UCAUCCAC	12381	GTGGATGA GGCTAGCTACAACGA AACAGAGG	32763
939	10091	CUCCUCCU G CAUGGAUG	12382	CATCCATG GGCTAGCTACAACGA AGGAGGAG	32764
954	10076	UGGACCAC G UGGUUCUU	12383	AAGAACCA GGCTAGCTACAACGA GTGGTCCA	32765
957	10073	ACCACGUG G UUCUUCCG	12384	CGGAAGAA GGCTAGCTACAACGA CACGTGGT	32766
966	10064	UUCUUCCG G UAGGGACC	12385	GGTCCCTA GGCTAGCTACAACGA CGGAAGAA	<del></del>
990					32767
	10040	CAGGGACA G CGGAGCAA	12386	TTGCTCCG GGCTAGCTACAACGA TGTCCCTG	32768
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCATTTG GGCTAGCTACAACGA TCCGCTGT	32769
1002	10028	AGCAAAUG G CGUUGGCC	12388	GGCCAACG GGCTAGCTACAACGA CATTTGCT	32770
1004	10026	CAAAUGGC G UUGGCCAU	12389	ATGGCCAA GGCTAGCTACAACGA GCCATTTG	32771
1008	10022	UGGCGUUG G CCAUGAGC	12390	GCTCATGG GGCTAGCTACAACGA CAACGCCA	32772
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCTGCGG GGCTAGCTACAACGA TCATGGCC	32773
1018	10012	CAUGAGCC G CAGGUCUC	12392	GAGACCTG GGCTAGCTACAACGA GGCTCATG	32774
1022	10008	AGCCGCAG G UCUCUUCU	12393	AGAAGAGA GGCTAGCTACAACGA CTGCGGCT	32775
1031	9999	UCUCUUCU G UGGAAGUA	12394	TACTTCCA GGCTAGCTACAACGA AGAAGAGA	32776
1037	9993	CUGUGGAA G UACAGAAG	12395	CTTCTGTA GGCTAGCTACAACGA TTCCACAG	32777
1045	9985	GUACAGAA G CAGCCACA	12396	TGTGGCTG GGCTAGCTACAACGA TTCTGTAC	32778
1048	9982	CAGAAGCA G CCACAUCU	12397	AGATGTGG GGCTAGCTACAACGA TGCTTCTG	<del></del>
1059	9971	ACAUCUGG G CAUAAGAC			32779
			12398	GTCTTATG GGCTAGCTACAACGA CCAGATGT	32780
1071	9959	AAGACUUA G CCAGACAA	12399	TTGTCTGG GGCTAGCTACAACGA TAAGTCTT	32781
1080	9950	CCAGACAA G CAGUGUCG	12400	CGACACTG GGCTAGCTACAACGA TTGTCTGG	32782
1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GGCTAGCTACAACGA TGCTTGTC	32783
1085	9945	CAAGCAGU G UCGCGGAC	12402	GTCCGCGA GGCTAGCTACAACGA ACTGCTTG	32784
1088	9942	GCAGUGUC G CGGACGUU	12403	AACGTCCG GGCTAGCTACAACGA GACACTGC	32785
1094	9936	UCGCGGAC G UUCCAUCC	12404	GGATGGAA GGCTAGCTACAACGA GTCCGCGA	32786
1104	9926	UCCAUCCG G CCCCUGGA	12405	TCCAGGGG GGCTAGCTACAACGA CGGATGGA	32787
1118	9912	GGAGAUAU G CGAGCUCU	12406	AGAGCTCG GGCTAGCTACAACGA ATATCTCC	32788
1122	9908	AUAUGCGA G CUCUGCCU	12407	AGGCAGAG GGCTAGCTACAACGA TCGCATAT	32789
1127	9903	CGAGCUCU G CCUACCAA	12408	TTGGTAGG GGCTAGCTACAACGA AGAGCTCG	32790
1144	9886	UUCAUCCU G UCCUCGGC	12409	GCCGAGGA GGCTAGCTACAACGA AGGATGAA	32791
1151	9879	UGUCCUCG G CAUGGAAC	12410	GTTCCATG GGCTAGCTACAACGA CGAGGACA	
1165	9865	AACCACCA G UGUUCUUC	12411	GAAGAACA GGCTAGCTACAACGA TGGTGGTT	32792
1167			<del> </del>		32793
	9863	CCACCAGU G UUCUUCCA	12412	TGGAAGAA GGCTAGCTACAACGA ACTGGTGG	32794
1194	9836	UCAAUUCA G UGAAAUGG	12413	CCATTTCA GGCTAGCTACAACGA TGAATTGA	32795
1202	9828	GUGAAAUG G UUUGAGCA	12414	TGCTCAAA GGCTAGCTACAACGA CATTTCAC	32796
1208	9822	UGGUUUGA G CAAAAUGG	12415	CCATTTTG GGCTAGCTACAACGA TCAAACCA	32797
1222	9808	UGGAACCU G CUGCCAAU	12416	ATTGGCAG GGCTAGCTACAACGA AGGTTCCA	32798
1225	9805	AACCUGCU G CCAAUCAU	12417	ATGATTGG GGCTAGCTACAACGA AGCAGGTT	32799
1242	9788	ACCAUCCA G UUGACGGU	12418	ACCGTCAA GGCTAGCTACAACGA TGGATGGT	32800
1249	9781	AGUUGACG G UUUCCACU	12419	AGTGGAAA GGCTAGCTACAACGA CGTCAACT	32801
1265	9765	UCUUGGAU G UCUUUGCG	12420	CGCAAAGA GGCTAGCTACAACGA ATCCAAGA	32802
1271	9759	AUGUCUUU G CGAACCUU	12421	AAGGTTCG GGCTAGCTACAACGA AAAGACAT	32803
1287	9743	UUGACAUA G CAUUGAGG	12422	CCTCAATG GGCTAGCTACAACGA TATGTCAA	32804
1298	9732	UUGAGGAA G UGGAGCGA	12423	TCGCTCCA GGCTAGCTACAACGA TTCCTCAA	32805
1303	9727	GAAGUGGA G CGAGGUGG	12424	CCACCTCG GGCTAGCTACAACGA TCCACTTC	32806
1308	9722	GGAGCGAG G UGGCAAAG	12425	CTTTGCCA GGCTAGCTACAACGA CTCGCTCC	
1311	9719	GCGAGGUG G CAAAGCGA	12426		32807
1316	9714	GUGGCAAA G CGAUCGUC	<del></del>	TCGCTTTG GGCTAGCTACAACGA CACCTCGC	32808
1322			12427	GACGATCG GGCTAGCTACAACGA TTTGCCAC	32809
	9708	AAGCGAUC G UCCAGGGG	12428	CCCCTGGA GGCTAGCTACAACGA GATCGCTT	32810
1330	9700	GUCCAGGG G CUUUACCA	12429	TGGTAAAG GGCTAGCTACAACGA CCCTGGAC	32811
1343	9687	ACCACACA G UCAUCUCC	12430	GGAGATGA GGCTAGCTACAACGA TGTGTGGT	32812
1359	9671	CACUGACA G CCAUGCGG	12431	CCGCATGG GGCTAGCTACAACGA TGTCAGTG	32813
1364	9666	ACAGCCAU G CGGCUGAG	12432	CTCAGCCG GGCTAGCTACAACGA ATGGCTGT	32814

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1367	9663	GCCAUGCG G CUGAGUCU	12433	AGACTCAG GGCTAGCTACAACGA CGCATGGC	32815
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGCTAGCTACAACGA TCAGCCGC	32816
1396	9634	CUCAAACA G CCAGGUCC	12435	GGACCTGG GGCTAGCTACAACGA TGTTTGAG	32817
1401	9629	ACAGCCAG G UCCUGACU	12436	AGTCAGGA GGCTAGCTACAACGA CTGGCTGT	32818
1414	9616	GACUUUGG G UCCUUUCC	12437	GGAAAGGA GGCTAGCTACAACGA CCAAAGTC	32819
1428	9602	UCCCUUUU G UGAGUUUC	12438	GAAACTCA GGCTAGCTACAACGA AAAAGGGA	32820
<del></del>		UUUUGUGA G UUUCUCCA	12439	TGGAGAAA GGCTAGCTACAACGA TCACAAAA	32821
1432	9598			GTGATTGG GGCTAGCTACAACGA CCAGATGA	32822
1451	9579	UCAUCUGG G CCAAUCAC	12440		
1486	9544	CCUCACCA G CUGGACGG	12441	CCGTCCAG GGCTAGCTACAACGA TGGTGAGG	32823
1494	9536	GCUGGACG G CCAGGUUG	12442	CAACCTGG GGCTAGCTACAACGA CGTCCAGC	32824
1499	9531	ACGGCCAG G UUGGUGAA	12443	TTCACCAA GGCTAGCTACAACGA CTGGCCGT	32825
1503	9527	CCAGGUUG G UGAAAGUG	12444	CACTTTCA GGCTAGCTACAACGA CAACCTGG	32826
1509	9521	UGGUGAAA G UGUUUAGG	12445	CCTAAACA GGCTAGCTACAACGA TTTCACCA	32827
1511	9519	GUGAAAGU G UUUAGGGC	12446	GCCCTAAA GGCTAGCTACAACGA ACTTTCAC	32828
1518	9512	UGUUUAGG G CGUAGGUG	12447	CACCTACG GGCTAGCTACAACGA CCTAAACA	32829
1520	9510	UUUAGGGC G UAGGUGAC	12448	GTCACCTA GGCTAGCTACAACGA GCCCTAAA	32830
1524	9506	GGGCGUAG G UGACAACU	12449	AGTTGTCA GGCTAGCTACAACGA CTACGCCC	32831
1534	9496	GACAACUU G UCCACUCC	12450	GGAGTGGA GGCTAGCTACAACGA AAGTTGTC	32832
1578	9452	CCAUGACG G UUCUUCCA	12451	TGGAAGAA GGCTAGCTACAACGA CGTCATGG	32833
1590	9440	UUCCAUCA G CAGCCGGG	12452	CCCGGCTG GGCTAGCTACAACGA TGATGGAA	32834
1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GGCTAGCTACAACGA TGCTGATG	32835
1598	9432	GCAGCCGG G CGCAUCAC	12454	GTGATGCG GGCTAGCTACAACGA CCGGCTGC	32836
1600	9430	AGCCGGGC G CAUCACUU	12455	AAGTGATG GGCTAGCTACAACGA GCCCGGCT	32837
1619	9411	ACAACUUU G UGACGAUA	12456	TATCGTCA GGCTAGCTACAACGA AAAGTTGT	32838
1629	9401	GACGAUAG G UGAGCUCA	12457	TGAGCTCA GGCTAGCTACAACGA CTATCGTC	32839
1633	9397	AUAGGUGA G CUCAAUGA	12458	TCATTGAG GGCTAGCTACAACGA TCACCTAT	32840
1644	9386	CAAUGAUG G CCCUGGCA	12459	TGCCAGGG GGCTAGCTACAACGA CATCATTG	32841
1650	9380	UGGCCCUG G CAAGACGC	12460	GCGTCTTG GGCTAGCTACAACGA CAGGGCCA	32842
1657	9373	GGCAAGAC G CCGAUGUU	12461	AACATCGG GGCTAGCTACAACGA GTCTTGCC	32843
1663	9367	ACGCCGAU G UUCCCCAU	12462	ATGGGGAA GGCTAGCTACAACGA ATCGGCGT	32844
1675	9355	CCCAUCAA G CAGCUCAA	12463	TTGAGCTG GGCTAGCTACAACGA TTGATGGG	32845
1678	9352	AUCAAGCA G CUCAAGCA	12464	TGCTTGAG GGCTAGCTACAACGA TGCTTGAT	32846
1684	9346	CAGCUCAA G CACCUUAG	12465	CTAAGGTG GGCTAGCTACAACGA TTGAGCTG	32847
1692	9338	GCACCUUA G CUUCAUUU	12466	AAATGAAG GGCTAGCTACAACGA TAAGGTGC	32848
1706	9324	UUUUCCAA G UCAGCUCU	12467	AGAGCTGA GGCTAGCTACAACGA TTGGAAAA	32849
1710	9324	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GGCTAGCTACAACGA TGACTTGG	32850
	9314	CAGCUCUC G UGAUGCGG	12469	CCGCATCA GGCTAGCTACAACGA GAGAGCTG	
1716		CUCGUGAU G CGGGUGUC	<del> </del>	GACACCCG GGCTAGCTACAACGA ATCACGAG	32851
1721	9309	<del> </del>	12470		32852
1725	9305	UGAUGCGG G UGUCCCAG	12471	CTGGGACA GGCTAGCTACAACGA CCGCATCA	32853
1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCTGGGA GGCTAGCTACAACGA ACCCGCAT	32854
1733	9297	GUGUCCCA G CCAGCUGU	12473	ACAGCTGG GGCTAGCTACAACGA TGGGACAC	32855
1737	9293	CCCAGCCA G CUGUGUCA	12474	TGACACAG GGCTAGCTACAACGA TGGCTGGG	32856
1740	9290	AGCCAGCU G UGUCAUCA	12475		32857
1742	9288	CCAGCUGU G UCAUCAGC	12476		32858
1749	9281	UGUCAUCA G CAUAGAUC	12477	<del> </del>	32859
1760	9270	UAGAUCUU G CCCCCAGG	12478		32860
1768	9262	GCCCCAG G CCGGGUGC	12479		32861
1773	9257	CAGGCCGG G UGCCAACU	12480	AGTTGGCA GGCTAGCTACAACGA CCGGCCTG	32862
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGTTGG GGCTAGCTACAACGA ACCCGGCC	32863
1786	9244	AACUUCAC G CAGGAUGU	12482	ACATCCTG GGCTAGCTACAACGA GTGAAGTT	32864
1793	9237	CGCAGGAU G UAACCCAG	12483	CTGGGTTA GGCTAGCTACAACGA ATCCTGCG	32865
1801	9229	GUAACCCA G UUUUUGGA	12484	TCCAAAAA GGCTAGCTACAACGA TGGGTTAC	32866
1811	9219	UUUUGGAG G CCCAAGCC	12485	GGCTTGGG GGCTAGCTACAACGA CTCCAAAA	32867
1817	9213	AGGCCCAA G CCCUCGAC	12486	GTCGAGGG GGCTAGCTACAACGA TTGGGCCT	32868
1838	9192	CCUCCUGA G UUCUUUCU	12487	AGAAAGAA GGCTAGCTACAACGA TCAGGAGG	32869
1852	9178	UCUUCCAA G CCAGUGGU	12488	ACCACTGG GGCTAGCTACAACGA TTGGAAGA	32870
1856	9174	CCAAGCCA G UGGUCUUC	12489	GAAGACCA GGCTAGCTACAACGA TGGCTTGG	32871
1859	9171	AGCCAGUG G UCUUCAUU	12490	AATGAAGA GGCTAGCTACAACGA CACTGGCT	32872
1881	9149	AACCCAGA G CCUCGAAC	12491	GTTCGAGG GGCTAGCTACAACGA TCTGGGTT	32873
1898	9132	UCCAGAAA G CGAGCUCC	12492	GGAGCTCG GGCTAGCTACAACGA TTTCTGGA	32874
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCTCGGAG GGCTAGCTACAACGA TCGCTTTC	32875
1909	9121	AGCUCCGA G CCACAUGA	12494	TCATGTGG GGCTAGCTACAACGA TCGGAGCT	32876
1926	9104	ACCAAAUG G CUCUGCUU	12495		32877
			1		

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1931	9099	AUGGCUCU G CUUCCCUU	12496	AAGGGAAG GGCTAGCTACAACGA AGAGCCAT	32878
1941	9089	UUCCCUUG G CCUUUCCG	12497	CGGAAAGG GGCTAGCTACAACGA CAAGGGAA	32879
1960	9070	CUCUCCGG G UUUUUUCU	12498	AGAAAAA GGCTAGCTACAACGA CCGGAGAG	32880
1985	9045	CCCAUCAU G UUGUAAAU	12499	ATTTACAA GGCTAGCTACAACGA ATGATGGG	32881
1988	9042	AUCAUGUU G UAAAUGCA	12500	TGCATTTA GGCTAGCTACAACGA AACATGAT	32882
-		UUGUAAAU G CAAGUGUG	12501	CACACTTG GGCTAGCTACAACGA ATTTACAA	32883
1994	9036				<del> </del>
1998	9032	AAAUGCAA G UGUGACAU	12502	ATGTCACA GGCTAGCTACAACGA TTGCATTT	32884
2000	9030	AUGCAAGU G UGACAUUC	12503	GAATGTCA GGCTAGCTACAACGA ACTTGCAT	32885
2014	9016	UUCCCCCC G CAGAUGUG	12504	CACATCTG GGCTAGCTACAACGA GGGGGGAA	32886
2020	9010	CCGCAGAU G UGCCUCGC	12505	GCGAGGCA GGCTAGCTACAACGA ATCTGCGG	32887
2022	9008	GCAGAUGU G CCUCGCGC	12506	GCGCGAGG GGCTAGCTACAACGA ACATCTGC	32888
2027	9003	UGUGCCUC G CGCUCCUC	12507	GAGGAGCG GGCTAGCTACAACGA GAGGCACA	32889
2029	9001	UGCCUCGC G CUCCUCAU	12508	ATGAGGAG GGCTAGCTACAACGA GCGAGGCA	32890
2070	8960	CUUCAACU G CUUCUCUG	12509	CAGAGAAG GGCTAGCTACAACGA AGTTGAAG	32891
2079		CUUCUCUG G CGCUCCUC	12510	GAGGAGCG GGCTAGCTACAACGA CAGAGAAG	32892
	8951		<del></del>		
2081	8949	UCUCUGGC G CUCCUCCA	12511	TGGAGGAG GCCTAGCTACAACGA GCCAGAGA	32893
2098	8932	UUGAUUCU G CUCUUCAA	12512	TTGAAGAG GGCTAGCTACAACGA AGAATCAA	32894
2112	8918	CAAACAUG G CACCCAAA	12513	TTTGGGTG GGCTAGCTACAACGA CATGTTTG	32895
2121	8909	CACCCAAA G CUGCAUUG	12514	CAATGCAG GGCTAGCTACAACGA TTTGGGTG	32896
2124	8906	CCAAAGCU G CAUUGCUG	12515	CAGCAATG GGCTAGCTACAACGA AGCTTTGG	32897
2129	8901	GCUGCAUU G CUGUUGAC	12516	GTCAACAG GGCTAGCTACAACGA AATGCAGC	32898
2132	8898	GCAUUGCU G UUGACCUU	12517	AAGGTCAA GGCTAGCTACAACGA AGCAATGC	32899
2162	8868	UCUCGAGA G CACAUUCU	12518	AGAATGTG GGCTAGCTACAACGA TCTCGAGA	32900
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAAA GGCTAGCTACAACGA GTCCCAGA	32901
		UUUCUCUG G CCAAAAAC			<u> </u>
2187	8843		12520	GTTTTTGG GGCTAGCTACAACGA CAGAGAAA	32902
2196	8834	CCAAAAAC G CCCACAAC	12521	GTTGTGGG GGCTAGCTACAACGA GTTTTTGG	32903
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GGCTAGCTACAACGA TGGTTGTG	32904
2211	8819	ACCAGUUG G UGGUCUCA	12523	TGAGACCA GGCTAGCTACAACGA CAACTGGT	32905
2214	8816	AGUUGGUG G UCUCAUUG	12524	CAATGAGA GGCTAGCTACAACGA CACCAACT	32906
2224	8806	CUCAUUGA G CACGUACU	12525	AGTACGTG GGCTAGCTACAACGA TCAATGAG	32907
2228	8802	UUGAGCAC G UACUUCAC	12526	GTGAAGTA GGCTAGCTACAACGA GTGCTCAA	32908
2245	8785	UCCUUCUG G CGGUUCAG	12527	CTGAACCG GGCTAGCTACAACGA CAGAAGGA	32909
2248	8782	UUCUGGCG G UUCAGGAG	12528	CTCCTGAA GGCTAGCTACAACGA CGCCAGAA	32910
2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GGCTAGCTACAACGA TCCTGAAC	32911
2262	8768	GAGCUUUC G UGUCCACC	12530	GGTGGACA GGCTAGCTACAACGA GAAAGCTC	32912
2264	8766	GCUUUCGU G UCCACCUU	12531	AAGGTGGA GGCTAGCTACAACGA ACGAAAGC	<del>                                     </del>
		<u></u>			32913
2287	8743	GAACACUC G CUGCUGCC	12532	GGCAGCAG GGCTAGCTACAACGA GAGTGTTC	32914
2290	8740	CACUCGCU G CUGCCCGA	12533	TCGGGCAG GGCTAGCTACAACGA AGCGAGTG	32915
2293	8737	UCGCUGCU G CCCGAAGG	12534	CCTTCGGG GGCTAGCTACAACGA AGCAGCGA	32916
2304	8726	CGAAGGGA G UAGUGUCA	12535	TGACACTA GGCTAGCTACAACGA TCCCTTCG	32917
2307	8723	AGGGAGUA G UGUCAGUC	12536	GACTGACA GGCTAGCTACAACGA TACTCCCT	32918
2309	8721	GGAGUAGU G UCAGUCAU	12537	ATGACTGA GGCTAGCTACAACGA ACTACTCC	32919
2313	8717	UAGUGUCA G UCAUGGCC	12538	GGCCATGA GGCTAGCTACAACGA TGACACTA	32920
2319	8711	CAGUCAUG G CCAUGGUG	12539	CACCATGG GGCTAGCTACAACGA CATGACTG	32921
2325	8705	UGGCCAUG G UGGUAACA	12540	TGTTACCA GGCTAGCTACAACGA CATGGCCA	32922
2328	8702	CCAUGGUG G UAACAUUC	12541	GAATGTTA GGCTAGCTACAACGA CACCATGG	32923
2337	8693	UAACAUUC G UGAUGGUG	12542	CACCATCA GGCTAGCTACAACGA GAATGTTA	
2343					32924
	8687	UCGUGAUG G UGUCCCAU	12543	ATGGGACA GGCTAGCTACAACGA CATCACGA	32925
2345	8685	GUGAUGGU G UCCCAUGG	12544	CCATGGGA GGCTAGCTACAACGA ACCATCAC	32926
2353	8677	GUCCCAUG G UUUUGAGA	12545	TCTCAAAA GGCTAGCTACAACGA CATGGGAC	32927
2365	8665	UGAGAGGA G CCUGACCA	12546	TGGTCAGG GGCTAGCTACAACGA TCCTCTCA	32928
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGTTCG GGCTAGCTACAACGA TGGTCAAT	32929
2394	8636	GCGAACUG G CGGAGCCU	12548	AGGCTCCG GGCTAGCTACAACGA CAGTTCGC	32930
2399	8631	CUGGCGGA G CCUGUGGG	12549	CCCACAGG GGCTAGCTACAACGA TCCGCCAG	32931
2403	8627	CGGAGCCU G UGGGCUUC	12550	GAAGCCCA GGCTAGCTACAACGA AGGCTCCG	32932
2407	8623	GCCUGUGG G CUUCACAU	12551	ATGTGAAG GGCTAGCTACAACGA CCACAGGC	32933
2423	8607	UCAUAACU G CCGUGAUA	12552	TATCACGG GGCTAGCTACAACGA AGTTATGA	32934
2426	8604	UAACUGCC G UGAUAGUU	12553	AACTATCA GGCTAGCTACAACGA GGCAGTTA	32935
2432	8598	CCGUGAUA G UUCCAGGU	12554		
2439	8591	AGUUCCAG G UUCUAUAU		ACCTGGAA GGCTAGCTACAACGA TATCACGG	32936
-			12555	ATATAGAA GGCTAGCTACAACGA CTGGAACT	32937
2450	8580	CUAUAUGG G UGGUUCUC	12556	GAGAACCA GGCTAGCTACAACGA CCATATAG	32938
2453	8577	UAUGGGUG G UUCUCAUC	12557	GATGAGAA GGCTAGCTACAACGA CACCCATA	32939
2462	8568	UUCUCAUC G UGGUGCCA	12558	TGGCACCA GGCTAGCTACAACGA GATGAGAA	32940

2465	8565	UCAUCGUG G UGCCACGU	12559	ACGTGGCA GGCTAGCTACAACGA CACGATGA	32941
2467	8563	AUCGUGGU G CCACGUCG	12560	CGACGTGG GGCTAGCTACAACGA ACCACGAT	32942
2472	8558	GGUGCCAC G UCGAACUG	12561	CAGTTCGA GGCTAGCTACAACGA GTGGCACC	32942
		GUCGAACU G UACUCACG		CGTGAGTA GGCTAGCTACAACGA AGTTCGAC	
2480	8550		12562		32944
2488	8542	GUACUCAC G CCUGAGUC	12563	GACTCAGG GGCTAGCTACAACGA GTGAGTAC	32945
2494	8536	ACGCCUGA G UCGUUCAA	12564	TTGAACGA GGCTAGCTACAACGA TCAGGCGT	32946
2497	8533	CCUGAGUC G UUCAAUCC	12565	GGATTGAA GGCTAGCTACAACGA GACTCAGG	32947
2507	8523	UCAAUCCU G UUCUUGAU	12566	ATCAAGAA GGCTAGCTACAACGA AGGATTGA	32948
2523	8507	UUUUACUG G UGUCUGAG	12567	CTCAGACA GGCTAGCTACAACGA CAGTAAAA	32949
2525	8505	UUACUGGU G UCUGAGUU	12568	AACTCAGA GGCTAGCTACAACGA ACCAGTAA	32950
2531	8499	GUGUCUGA G UUGAGCAG	12569	CTGCTCAA GGCTAGCTACAACGA TCAGACAC	32951
2536	8494	UGAGUUGA G CAGGGGUU	12570	AACCCCTG GGCTAGCTACAACGA TCAACTCA	32952
2542	8488	GAGCAGGG G UUUUCCCA	12571	TGGGAAAA GGCTAGCTACAACGA CCCTGCTC	32953
2553	8477	UUCCCACC G CCCUGGUU	12572	AACCAGGG GGCTAGCTACAACGA GGTGGGAA	32954
2559	8471	CCGCCCUG G UUCCACUU	12573	AAGTGGAA GGCTAGCTACAACGA CAGGGCGG	32955
2573	8457	CUUCCCAA G UUUACAUC	12574	GATGTAAA GGCTAGCTACAACGA TTGGGAAG	32956
2588	8442	UCUUCCUC G UAUUGGGG	12575	CCCCAATA GGCTAGCTACAACGA GAGGAAGA	32957
2596	8434	GUAUUGGG G UCCCUUCC	12576	GGAAGGGA GGCTAGCTACAACGA CCCAATAC	32958
2607	8423	CCUUCCAG G UCCUUUUU	12577	AAAAAGGA GGCTAGCTACAACGA CTGGAAGG	32959
2632	8398	UCCUAGGA G CACCUGGC	12578	GCCAGGTG GGCTAGCTACAACGA TCCTAGGA	32960
2639	8391	AGCACCUG G CUGGUCAU	12579	ATGACCAG GGCTAGCTACAACGA CAGGTGCT	32961
2643	8387	CCUGGCUG G UCAUAUUC	12580	GAATATGA GGCTAGCTACAACGA CAGCCAGG	32962
2659	8371	CACUGAAU G UACCACAU	12581	ATGTGGTA GGCTAGCTACAACGA ATTCAGTG	32963
2669	8361	ACCACAUU G CCUGAAGC	12582	GCTTCAGG GGCTAGCTACAACGA AATGTGGT	32964
2676	8354	UGCCUGAA G CUCGACUC	12583	GAGTCGAG GGCTAGCTACAACGA TTCAGGCA	32965
2699	8331	UACAUCUC G UGCGUGGA	12584	TCCACGCA GGCTAGCTACAACGA GAGATGTA	32966
2701	8329	CAUCUCGU G CGUGGAAU	12585	ATTCCACG GGCTAGCTACAACGA ACGAGATG	32967
2703	8327	UCUCGUGC G UGGAAUUC	12586	GAATTCCA GGCTAGCTACAACGA GCACGAGA	32968
2713	8317	GGAAUUCC G UGAGAGUG	12587	CACTCTCA GGCTAGCTACAACGA GGAATTCC	32969
2719	8311	CCGUGAGA G UGGGUUUC	12588	GAAACCCA GGCTAGCTACAACGA TCTCACGG	32970
2723	8307	GAGAGUGG G UUUCUGAC	12589	GTCAGAAA GGCTAGCTACAACGA CCACTCTC	32971
2734	8296	UCUGACCA G UCCCCCC	12590	GGGGGGA GGCTAGCTACAACGA TGGTCAGA	32972
2750	8280	CCAUACCG G CGUUGGAG	12591	CTCCAACG GGCTAGCTACAACGA CGGTATGG	32973
2752	8278	AUACCGC G UUGGAGCA	12592	TGCTCCAA GGCTAGCTACAACGA GCCGGTAT	32974
2758	8272	GCGUUGGA G CAGCUCCA	12593	TGGAGCTG GGCTAGCTACAACGA TCCAACGC	32975
2761	8269	UUGGAGCA G CUCCAUCU	12594	AGATGGAG GGCTAGCTACAACGA TGCTCCAA	32976
2785	8245	GACUUUCG G CAUGUAGG	12595	CCTACATG GGCTAGCTACAACGA CGAAAGTC	32978
2789	8241	UUCGGCAU G UAGGGGCA	12596	TGCCCCTA GGCTAGCTACAACGA ATGCCGAA	32977
2795	8235	AUGUAGGG G CAGAGCAC	12596	GTGCTCTG GGCTAGCTACAACGA ATGCCGAA	
2800	8230	GGGGCAGA G CACCUUCA	12597	TGAAGGTG GGCTAGCTACAACGA CCCTACAT	32979
2810	8220	ACCUUCAC G CAAAAUUC	12598	GAATTTTG GGCTAGCTACAACGA TCTGCCCC	32980
2824	8220	UUCCCUUG G CCCUCGGU			32981
			12600	ACCGAGGG GGCTAGCTAGAACGA CAAGGGAA	32982
2831	8199	GGCCCUCG G UGCAGCCA	12601	TGGCTGCA GGCTAGCTACAACGA CGAGGGCC	32983
2833	8197	CCCUCGGU G CAGCCAGU	12602	ACTGGCTG GGCTAGCTACAACGA ACCGAGGG	32984
2836	8194	UCGGUGCA G CCAGUCCU	12603	AGGACTGG GGCTAGCTACAACGA TGCACCGA	32985
2840	8190	UGCAGCCA G UCCUCAAC	12604	GTTGAGGA GGCTAGCTACAACGA TGGCTGCA	32986
2868	8162	CCCGAAUC G UCCUAUGC	12605	GCATAGGA GGCTAGCTACAACGA GATTCGGG	32987
2875	8155	CGUCCUAU G CUCUUCAA	12606	TTGAAGAG GGCTAGCTACAACGA ATAGGACG	32988
2889	8141	CAACCUCA G CACUUGAC	12607	GTCAAGTG GGCTAGCTACAACGA TGAGGTTG	32989
2912	8118	UCUCCGAU G UCACAAAG	12608	CTTTGTGA GGCTAGCTACAACGA ATCGGAGA	32990
2925	8105	AAAGGAGG G UGUCACAA	12609	TTGTGACA GGCTAGCTACAACGA CCTCCTTT	32991
2927	8103	AGGAGGGU G UCACAACA	12610	TGTTGTGA GGCTAGCTACAACGA ACCCTCCT	32992
2944	8086	CUCAGAAG G UCUGUAGA	12611	TCTACAGA GGCTAGCTACAACGA CTTCTGAG	32993
2948	8082	GAAGGUCU G UAGAACAC	12612	GTGTTCTA GGCTAGCTACAACGA AGACCTTC	32994
2976	8054	UCUUCAUG G UGACAAUG	12613	CATTGTCA GGCTAGCTACAACGA CATGAAGA	32995
2984	8046	GUGACAAU G UUCCAUCC	12614	GGATGGAA GGCTAGCTACAACGA ATTGTCAC	32996
3001	8029	AUAACUUU G CACUAGUU	12615	AACTAGTG GGCTAGCTACAACGA AAAGTTAT	32997
3007	8023	UUGCACUA G UUGGGGCU	12616	AGCCCCAA GGCTAGCTACAACGA TAGTGCAA	32998
3013	8017	UAGUUGGG G CUCUUCAU	12617	ATGAAGAG GGCTAGCTACAACGA CCCAACTA	32999
3022	8008	CUCUUCAU G UCCGGGAC	12618	GTCCCGGA GGCTAGCTACAACGA ATGAAGAG	33000
3032	7998	CCGGGACC G CCCUUUGU	12619	ACAAAGGG GGCTAGCTACAACGA GGTCCCGG	33001
3039	7991	CGCCCUUU G UGUACCCU	12620	AGGGTACA GGCTAGCTACAACGA AAAGGGCG	33002
3041	7989	CCCUUUGU G UACCCUCU	12621	AGAGGGTA GGCTAGCTACAACGA ACAAAGGG	33003
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2072	7050	UUUUUUGG G UUGCCAUA	12622	TATGGCAA GGCTAGCTACAACGA CCAAAAAA	33004
3072	7958	UUUGGGUU G CCAUAUAG	12623	CTATATGG GGCTAGCTACAACGA AACCCAAA	33005
3075	7955				33003
3083	7947	GCCAUAUA G UAACACCA	12624	TGGTGTTA GGCTAGCTACAACGA TATATGGC	
3095	7935	CACCAACC G CCUCUUCC	12625	GGAAGAGG GGCTAGCTACAACGA GGTTGGTG	33007
3113	7917	CAUCCAAG G UCAAUCAC	12626	GTGATTGA GGCTAGCTACAACGA CTTGGATG	33008
3133	7897	UCCGACCG G UUCGAGAA	12627	TTCTCGAA GGCTAGCTACAACGA CGGTCGGA	33009
3148	7882	AAACCUCC G UUCGACCA	12628	TGGTCGAA GGCTAGCTACAACGA GGAGGTTT	33010
3157	7873	UUCGACCA G CCAUCUCA	12629	TGAGATGG GGCTAGCTACAACGA TGGTCGAA	33011
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GGCTAGCTACAACGA TGAGATGG	33012
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GGCTAGCTACAACGA AAAACTGA	33013
3174	7856	GUUUUGCU G UGCCCCUA	12632	TAGGGGCA GGCTAGCTACAACGA AGCAAAAC	33014
3176	7854	UUUGCUGU G CCCCUAGA	12633	TCTAGGGG GGCTAGCTACAACGA ACAGCAAA	33015
3193	7837	GACUGGAU G CCCUCCAG	12634	CTGGAGGG GGCTAGCTACAACGA ATCCAGTC	33016
		GCCUCCA G UGACAUUG	12635	CAATGTCA GGCTAGCTACAACGA TGGAGGGC	33017
3201	7829				
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GGCTAGCTACAACGA AATGTCAC	33018
3222	7808	curriccia a carantin	12637	AAAACACG GGCTAGCTACAACGA CAGGAAAG	33019
3224	7806	UUCCUGGC G UGUUUUGC	12638	GCAAAACA GGCTAGCTACAACGA GCCAGGAA	33020
3226	7804	CCUGGCGU G UUUUGCCG	12639	CGGCAAAA GGCTAGCTACAACGA ACGCCAGG	33021
3231	7799	CGUGUUUU G CCGCUGAG	12640	CTCAGCGG GGCTAGCTACAACGA AAAACACG	33022
3234	7796	GUUUUGCC G CUGAGCGA	12641	TCGCTCAG GGCTAGCTACAACGA GGCAAAAC	33023
3239	7791	GCCGCUGA G CGAUCGAC	12642	GTCGATCG GGCTAGCTACAACGA TCAGCGGC	33024
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGCTAGCTACAACGA CATCATCG	33025
3266	7764	GCCUCUUU G CGGUACCU	12644	AGGTACCG GGCTAGCTACAACGA AAAGAGGC	33026
3269	7761	UCUUUGCG G UACCUAGU	12645	ACTAGGTA GGCTAGCTACAACGA CGCAAAGA	33027
3276	7754	GGUACCUA G UGAACUCU	12646	AGAGTTCA GGCTAGCTACAACGA TAGGTACC	33028
3291	7739	CUUCUUUU G UCAUCUGG	12647	CCAGATGA GGCTAGCTACAACGA AAAAGAAG	33029
		GUCAUCUG G UUGAGUCU	12648	AGACTCAA GGCTAGCTACAACGA CAGATGAC	33030
3299	7731			AAGAAAGA GGCTAGCTACAACGA TCAACCAG	<u> </u>
3304	7726	CUGGUUGA G UCUUUCUU	12649		33031
3330	7700	CUCCCAAG G UGCGUCCU	12650	AGGACGCA GGCTAGCTACAACGA CTTGGGAG	33032
3332	7698	CCCAAGGU G CGUCCUUU	12651	AAAGGACG GGCTAGCTACAACGA ACCTTGGG	33033
3334	7696	CAAGGUGC G UCCUUUUG	12652	CAAAAGGA GGCTAGCTACAACGA GCACCTTG	33034
3342	7688	GUCCUUUU G CCCCACCU	12653	AGGTGGGG GGCTAGCTACAACGA AAAAGGAC	33035
3358	7672	UCUUUUUA G UCCUGGUU	12654	AACCAGGA GGCTAGCTACAACGA TAAAAAGA	33036
3364	7666	UAGUCCUG G UUUUUCCA	12655	TGGAAAAA GGCTAGCTACAACGA CAGGACTA	33037
3374	7656	UUUUCCAU G UUCUUUAU	12656	ATAAAGAA GGCTAGCTACAACGA ATGGAAAA	33038
3385	7645	CUUUAUGA G UGUCCAUG	12657	CATGGACA GGCTAGCTACAACGA TCATAAAG	33039
3387	7643	UUAUGAGU G UCCAUGUU	12658	AACATGGA GGCTAGCTACAACGA ACTCATAA	33040
3393	7637	GUGUCCAU G UUAUGGAU	12659	ATCCATAA GGCTAGCTACAACGA ATGGACAC	33041
3424	7606	ACCCCCAC G CAUGAUGU	12660	ACATCATG GGCTAGCTACAACGA GTGGGGGT	33042
3431	7599	CGCAUGAU G UGGCAGAG	12661	CTCTGCCA GGCTAGCTACAACGA ATCATGCG	33043
3434	7596	AUGAUGUG G CAGAGUCC	12662	GGACTCTG GGCTAGCTACAACGA CACATCAT	33044
3439	7591	GUGGCAGA G UCCGAUGG	12663	CCATCGGA GGCTAGCTACAACGA TCTGCCAC	33045
3447	7583	GUCCGAUG G CAGUUGUU	12664	AACAACTG GGCTAGCTACAACGA CATCGGAC	33046
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GGCTAGCTACAACGA TGCCATCG	33047
3453	7577	UGGCAGUU G UUGCGUUC	12666		33048
3456	7574	CAGUUGUU G CGUUCCAA	12667	TTGGAACG GGCTAGCTACAACGA AACAACTG	33049
3458	7572	GUUGUUGC G UUCCAAAC	12668	GTTTGGAA GGCTAGCTACAACGA GCAACAAC	33050
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GGCTAGCTACAACGA TCTGTTTG	33051
3474	7556	CAGAGCUU G CUCCAUUC	12670	GAATGGAG GGCTAGCTACAACGA AAGCTCTG	33052
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGTGACG GGCTAGCTACAACGA TTTGGGAG	33052
	7538	CCCAAAGC G UCACCGCU			33054
3492			12672		
3498	7532	GCGUCACC G CUGCGGCC	12673	GGCCGCAG GGCTAGCTACAACGA GGTGACGC	33055
3501	7529	UCACCGCU G CGGCCGUG	12674	CACGGCCG GGCTAGCTACAACGA AGCGGTGA	33056
3504	7526	CCGCUGCG G CCGUGAUC	12675		33057
3507	7523	CUGCGGCC G UGAUCAAA	12676		33058
3522	7508	AAAUUCCG G CUUCUCGU	12677	l	33059
3529	7501	GGCUUCUC G UACUGUCU	12678	AGACAGTA GGCTAGCTACAACGA GAGAAGCC	33060
3534	7496	CUCGUACU G UCUUCACA	12679		33061
3548	7482	ACAGACGG G UUCACUAC	12680	GTAGTGAA GGCTAGCTACAACGA CCGTCTGT	33062
3561	7469	CUACUACU G CAGCUAGA	12681	TCTAGCTG GGCTAGCTACAACGA AGTAGTAG	33063
3564	7466	CUACUGCA G CUAGAGAC	12682	GTCTCTAG GGCTAGCTACAACGA TGCAGTAG	33064
3583	7447	CAAGAUCA G CAUGAUCU	12683	AGATCATG GGCTAGCTACAACGA TGATCTTG	33065
3592	7438	CAUGAUCU G UCCAACUU	12684	AAGTTGGA GGCTAGCTACAACGA AGATCATG	33066

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***	02/00803/			1 C1/0501/40550	
3607	7423	UUUCUUCU G CAUGAUGG	12685	CCATCATG GGCTAGCTACAACGA AGAAGAAA	33067
3616	7414	CAUGAUGG G UGUGGUGC	12686	GCACCACA GGCTAGCTACAACGA CCATCATG	33068
3618	7412	UGAUGGGU G UGGUGCGC	12687	GCGCACCA GGCTAGCTACAACGA ACCCATCA	33069
3621	7409	UGGGUGUG G UGCGCUCU	12688	AGAGCGCA GGCTAGCTACAACGA CACACCCA	33070
3623	7407	GGUGUGGU G CGCUCUAA	12689	TTAGAGCG GGCTAGCTACAACGA ACCACACC	33071
3625	7405	UGUGGUGC G CUCUAAUU	12690	AATTAGAG GGCTAGCTACAACGA GCACCACA	33072
3641	7389	UCUGGGAC G UCCGUGGC	12691	GCCACGGA GGCTAGCTACAACGA GTCCCAGA	33073
3645	7385	GGACGUCC G UGGCCACG	12692	CGTGGCCA GGCTAGCTACAACGA GGACGTCC	33074
3648	7382	CGUCCGUG G CCACGAUG	12693	CATCGTGG GGCTAGCTACAACGA CACGGACG	33075
	7374	GCCACGAU G CCAUCCAC	12694	GTGGATGG GGCTAGCTACAACGA ATCGTGGC	33076
3656		CCACUACA G CGUUCUUC	12695	GAAGAACG GGCTAGCTACAACGA TGTAGTGG	33077
3669	7361	ACUACAGC G UUCUUCAU	12696	ATGAAGAA GGCTAGCTACAACGA GCTGTAGT	
3671	7359				33078
3687	7343	UGAUUCCG G CCGCUGUC	12697	GACAGCGG GGCTAGCTACAACGA CGGAATCA	33079
3690	7340	UUCCGGCC G CUGUCCGC	12698	GCGGACAG GGCTAGCTACAACGA GGCCGGAA	33080
3693	7337	CGGCCGCU G UCCGCCGC	12699	GCGGCGGA GGCTAGCTACAACGA AGCGGCCG	33081
3697	7333	cecueuce e ceecuese	12700	CCCAGCGG GGCTAGCTACAACGA GGACAGCG	33082
3700	7330	UGUCCGCC G CUGGGCUG	12701	CAGCCCAG GGCTAGCTACAACGA GGCGGACA	33083
3705	7325	GCCGCUGG G CUGAGCGC	12702	GCGCTCAG GGCTAGCTACAACGA CCAGCGGC	33084
3710	7320	UGGGCUGA G CGCAUUGC	12703	GCAATGCG GGCTAGCTACAACGA TCAGCCCA	33085
3712	7318	GGCUGAGC G CAUUGCCU	12704	AGGCAATG GGCTAGCTACAACGA GCTCAGCC	33086
3717	7313	AGCGCAUU G CCUCAGCU	12705	AGCTGAGG GGCTAGCTACAACGA AATGCGCT	33087
3723	7307	UUGCCUCA G CUUGCCAA	12706	TTGGCAAG GGCTAGCTACAACGA TGAGGCAA	33088
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGTTGG GGCTAGCTACAACGA AAGCTGAG	33089
3743	7287	GGAACCAU G UAGGCAUA	12708	TATGCCTA GGCTAGCTACAACGA ATGGTTCC	33090
3747	7283	CCAUGUAG G CAUAGUGG	12709	CCACTATG GGCTAGCTACAACGA CTACATGG	33091
3752	7278	UAGGCAUA G UGGCAAAA	12710	TTTTGCCA GGCTAGCTACAACGA TATGCCTA	33092
3755	7275	GCAUAGUG G CAAAAAAG	12711	CTTTTTTG GGCTAGCTACAACGA CACTATGC	33093
3766	7264	AAAAAGGA G UGUUGCCG	12712	CGGCAACA GGCTAGCTACAACGA TCCTTTTT	33094
3768	7262	AAAGGAGU G UUGCCGCU	12713	AGCGGCAA GGCTAGCTACAACGA ACTCCTTT	33095
3771	7259	GGAGUGUU G CCGCUGUU	12714	AACAGCGG GGCTAGCTACAACGA AACACTCC	33096
3774	7256	GUGUUGCC G CUGUUACC	12715	GGTAACAG GGCTAGCTACAACGA GGCAACAC	33097
3777	7253	UUGCCGCU G UUACCGUA	12716	TACGGTAA GGCTAGCTACAACGA AGCGGCAA	33098
3783	7247	CUGUUACC G UAACGGUG	12717	CACCGTTA GGCTAGCTACAACGA GGTAACAG	33099
3789	7241	CCGUAACG G UGAGGGUG	12718	CACCCTCA GGCTAGCTACAACGA CGTTACGG	33100
3795	7235	CGGUGAGG G UGACUUGU	12719	ACAAGTCA GGCTAGCTACAACGA CCTCACCG	33101
3802	7228	GGUGACUU G UCCCCAGC	12720	GCTGGGGA GGCTAGCTACAACGA AAGTCACC	33102
3809	7221	UGUCCCCA G CAUCCGGC	12721	GCCGGATG GGCTAGCTACAACGA TGGGGACA	33103
3816	7214	AGCAUCCG G CUGCUAGC	12722	GCTAGCAG GGCTAGCTACAACGA CGGATGCT	33104
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCTGCTAG GGCTAGCTACAACGA AGCCGGAT	33105
<del></del>		GGCUGCUA G CAGGAGAG	<del></del>	CTCTCCTG GGCTAGCTACAACGA TAGCAGCC	
3823	7207		12724	AGTGTCGG GGCTAGCTACAACGA TCTCCTGC	33106
3831	7199	GCAGGAGA G CCGACACU	12725		33107
3860	7170	AAGGGGAA G CCUCGCGC	12726		33108
3865	7165	GAAGCCUC G CGCGAGUG	12727		33109
3867	7163	AGCCUCGC G CGAGUGUG	12728		33110
3871	7159	UCGCGCGA G UGUGAAUA	12729		33111
3873	7157	GCGCGAGU G UGAAUAGU	12730		33112
3880	7150	UGUGAAUA G UGCACUUG	12731		33113
3882	7148	UGAAUAGU G CACUUGCC	12732	<del> </del>	33114
3888	7142	GUGCACUU G CCUGAACG	12733		33115
3896	7134	GCCUGAAC G UUUAUUGA	12734	TCAATAAA GGCTAGCTACAACGA GTTCAGGC	33116
3906	7124	UUAUUGAG G UCAAUGAG	12735	CTCATTGA GGCTAGCTACAACGA CTCAATAA	33117
3915	7115	UCAAUGAG G UGUUGAUG	12736	CATCAACA GGCTAGCTACAACGA CTCATTGA	33118
3917	7113	AAUGAGGU G UUGAUGUA	12737	TACATCAA GGCTAGCTACAACGA ACCTCATT	33119
3923	7107	GUGUUGAU G UAAUCUGA	12738	TCAGATTA GGCTAGCTACAACGA ATCAACAC	33120
3933	7097	AAUCUGAC G UGAUCAAA	12739	TTTGATCA GGCTAGCTACAACGA GTCAGATT	33121
3943	7087	GAUCAAAU G CUUUAGCA	12740	TGCTAAAG GGCTAGCTACAACGA ATTTGATC	33122
3949	7081	AUGCUUUA G CAGUGGAG	12741		33123
3952	7078	CUUUAGCA G UGGAGUGA	12742		33124
3957	7073	GCAGUGGA G UGAGGACC	12743		33125
3966	7064	UGAGGACC G CUGUUGUC	12744		33126
3969	7061	GGACCGCU G UUGUCACA	12745	•	33127
3972	7058	CCGCUGUU G UCACAGCG	12746		33128
3978	7052	UUGUCACA G CGUACAGU	12747		33129
	,,,,,	DOCUMENTS & COUNCAGO	1-6/4/	LUCTOTACO GOCTAGCTACAACGA TOTGACAA	-3163

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3980	7050	GUCACAGC G UACAGUGA	12748	TCACTGTA GGCTAGCTACAACGA GCTGTGAC	33130
3985	7045	AGCGUACA G UGACCAGG	12749	CCTGGTCA GGCTAGCTACAACGA TGTACGCT	33131
3993	7037	GUGACCAG G CUGUUGCC	12750	GGCAACAG GGCTAGCTACAACGA CTGGTCAC	33132
3996	7034	ACCAGGCU G UUGCCGGC	12751	GCCGGCAA GGCTAGCTACAACGA AGCCTGGT	33133
3999	7031	AGGCUGUU G CCGGCCUC	12752	GAGGCCGG GGCTAGCTACAACGA AACAGCCT	33134
4003	7027	UGUUGCCG G CCUCAAGU	12753	ACTTGAGG GGCTAGCTACAACGA CGGCAACA	33135
4010	7020	GGCCUCAA G UCCAAAAG	12754	CTTTTGGA GGCTAGCTACAACGA TTGAGGCC	33136
4031	6999	UCUCCCAU G CUGAAAUU	12755	AATTTCAG GGCTAGCTACAACGA ATGGGAGA	33137
4060	6970	AAUUCUUU G CCCAAACA	12756	TGTTTGGG GGCTAGCTACAACGA AAAGAATT	33138
4073	6957	AACAAACU G CUUAUGUC	12757	GACATAAG GGCTAGCTACAACGA AGTTTGTT	33139
4079	6951	CUGCUUAU G UCACUCUU	12758	AAGAGTGA GGCTAGCTACAACGA ATAAGCAG	33140
4089	6941	CACUCUUG G UCUUAUCU	12759	AGATAAGA GGCTAGCTACAACGA CAAGAGTG	33141
4099	6931	CUUAUCUA G CCAACCCA	12760	TGGGTTGG GGCTAGCTACAACGA TAGATAAG	33142
4112	6918	CCCAUCUC G UUGGCUGC	12761	GCAGCCAA GGCTAGCTACAACGA GAGATGGG	33143
4116	6914	UCUCGUUG G CUGCCACU	12762	AGTGGCAG GGCTAGCTACAACGA CAACGAGA	33144
4119	6911	CGUUGGCU G CCACUGCG	12763	CGCAGTGG GGCTAGCTACAACGA AGCCAACG	33145
			12764	TGTGAGCG GGCTAGCTACAACGA AGCCAACG	
4125	6905	CUGCCACU G CGCUCACA	<del></del>		33146
4127	6903	GCCACUGC G CUCACAAG	12765	CTTGTGAG GGCTAGCTACAACGA GCAGTGGC	33147
4137	6893	UCACAAGG G UCAUGACA	12766	TGTCATGA GGCTAGCTACAACGA CCTTGTGA	33148
4161	6869	GGAACACG G CUAGCUGG	12767	CCAGCTAG GGCTAGCTACAACGA CGTGTTCC	33149
4165	6865	CACGGCUA G CUGGUUGU	12768	ACAACCAG GGCTAGCTACAACGA TAGCCGTG	33150
4169	6861	GCUAGCUG G UUGUCUGU	12769	ACAGACAA GGCTAGCTACAACGA CAGCTAGC	33151
4172	6858	AGCUGGUU G UCUGUCUG	12770	CAGACAGA GGCTAGCTACAACGA AACCAGCT	33152
4176	6854	GGUUGUCU G UCUGCGAA	12771	TTCGCAGA GGCTAGCTACAACGA AGACAACC	33153
4180	6850	GUCUGUCU G CGAACGUU	12772	AACGTTCG GGCTAGCTACAACGA AGACAGAC	33154
4186	6844	CUGCGAAC G UUGCUUCU	12773	AGAAGCAA GGCTAGCTACAACGA GTTCGCAG	33155
4189	6841	CGAACGUU G CUUCUCUG	12774	CAGAGAAG GGCTAGCTACAACGA AACGTTCG	33156
4198	6832	CUUCUCUG G CUCAGGAA	12775	TTCCTGAG GGCTAGCTACAACGA CAGAGAAG	33157
4210	6820	AGGAAUUA G CACAAUCA	12776	TGATTGTG GGCTAGCTACAACGA TAATTCCT	33158
4234	6796	AAGGGAGA G CAGCAACA	12777	TGTTGCTG GGCTAGCTACAACGA TCTCCCTT	33159
4237	6793	GGAGAGCA G CAACAUUC	12778	GAATGTTG GGCTAGCTACAACGA TGCTCTCC	33160
4248	6782	ACAUUCCG G CGAUCUUC	12779	GAAGATCG GGCTAGCTACAACGA CGGAATGT	33161
4257	6773	CGAUCUUC G UUCCUGGA	12780	TCCAGGAA GGCTAGCTACAACGA GAAGATCG	33162
4272	6758	GAACUUCA G CCAUCCAA	12781	TTGGATGG GGCTAGCTACAACGA TGAAGTTC	33163
4290	6740	AGAAAAG G UCGCGACU	12782	AGTCGCGA GGCTAGCTACAACGA CTTTTTCT	33164
4293	6737	AAAAGGUC G CGACUCCC	12783	GGGAGTCG GGCTAGCTACAACGA GACCTTTT	33165
4308	6722	CCAAGACA G CGCCUCCC	12784	GGGAGGCG GGCTAGCTACAACGA TGTCTTGG	33166
4310	6720	AAGACAGC G CCUCCCAA	12785	TTGGGAGG GGCTAGCTACAACGA GCTGTCTT	33167
4334	6696	UUUCCAAU G CCCUUCCG	12786	CGGAAGGG GGCTAGCTACAACGA ATTGGAAA	33168
4342	6688	GCCCUUCC G CUGCAUGA	12787	TCATGCAG GGCTAGCTACAACGA GGAAGGGC	33169
4345	6685	CUUCCGCU G CAUGAGGA	12788	TCCTCATG GGCTAGCTACAACGA AGCGGAAG	33170
4371	6659	CUCCCAUG G UCAUCACA	12789	TGTGATGA GGCTAGCTACAACGA CATGGGAG	33171
4389	6641	UCAAUAAG G CAAUCAAG	12790		33172
4398	6632	CAAUCAAG G CAAUUGUC	12791	GACAATTG GGCTAGCTACAACGA CTTGATTG	33173
4404	6626	AGGCAAUU G UCUGAAGA	12792	TCTTCAGA GGCTAGCTACAACGA AATTGCCT	33174
4413	6617	UCUGAAGA G CAUCUGGC	12793	GCCAGATG GGCTAGCTACAACGA TCTTCAGA	33175
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4434	6596	CCUCCAGG G CCAUUCUG	12796	CAGAATGG GGCTAGCTACAACGA CCTGGAGG	33177
4442	6588	GCCAUUCU G UGAGCUCU	12797	AGAGCTCA GGCTAGCTACAACGA AGAATGGC	33178
4442	6584	UUCUGUGA G CUCUUCCU	12798	AGGAAGAG GGCTAGCTACAACGA TCACAGAA	
4446		CUUUCUCU G CAGUGGCC	12799		33180
4464	6566 6563	UCUCUGCA G UGGCCACA		GGCCACTG GGCTAGCTACAACGA AGAGAAAG TGTGGCCA GGCTAGCTACAACGA TGCAGAGA	33181
4470	6560	CUGCAGUG G CCACAACG	12800		33182
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4478	6552	GCCACAAC G UACAUGGU	12802	ACCATGTA GGCTAGCTACAACGA GTTGTGGC	33184
4485	6545	CGUACAUG G UGUCAAGU	12803	ACTTGACA GGCTAGCTACAACGA CATGTACG	33185
4487	6543	UACAUGGU G UCAAGUGC	12804	GCACTTGA GGCTAGCTACAACGA ACCATGTA	33186
4492	6538	GGUGUCAA G UGCUUCCC	12805	GGGAAGCA GGCTAGCTACAACGA TTGACACC	33187
4494	6536	UGUCAAGU G CUUCCCAU	12806	ATGGGAAG GGCTAGCTACAACGA ACTTGACA	33188
4503	6527	CUUCCCAU G UCUUCCCC	12807	GGGGAAGA GGCTAGCTACAACGA ATGGGAAG	33189
4517	6513	CCCAUGAA G UGCUCAGG	12808	CCTGAGCA GGCTAGCTACAACGA TTCATGGG	33190
4519	6511	CAUGAAGU G CUCAGGCA	12809	TGCCTGAG GGCTAGCTACAACGA ACTTCATG	33191
4525	6505	GUGCUCAG G CAUCUUUC	12810	GAAAGATG GGCTAGCTACAACGA CTGAGCAC	33192

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4549	6481	CUCAAUGA G CCCUAUCU	12811	AGATAGGG GGCTAGCTACAACGA TCATTGAG	33193
4564	6466	CUGAGAAC G UUUUCCCG	12812	CGGGAAAA GGCTAGCTACAACGA GTTCTCAG	33194
4575	6455	UUCCCGAG G CGAAGUCC	12813	GGACTTCG GGCTAGCTACAACGA CTCGGGAA	33195
4580	6450	GAGGCGAA G UCCUUGAA	12814	TTCAAGGA GGCTAGCTACAACGA TTCGCCTC	33196
4590	6440	CCUUGAAC G CCUUUAGU	12815	ACTAAAGG GGCTAGCTACAACGA GTTCAAGG	33197
4597	6433	CGCCUUUA G UGCCUGGU	12816	ACCAGGCA GGCTAGCTACAACGA TAAAGGCG	33198
4599	6431	CCUUUAGU G CCUGGUGA	12817	TCACCAGG GGCTAGCTACAACGA ACTAAAGG	33199
	6426	AGUGCCUG G UGAUCCGA	12818	TCGGATCA GGCTAGCTACAACGA CAGGCACT	33200
4604		UGAUCCGA G UACACCCU	12819	AGGGTGTA GGCTACCTACAACGA TCGGATCA	33201
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4623	6407		12821	TGGATTGA GGCTAGCTACAACGA GCCAGGGT	33202
4625	6405	ACCCUGGC G UCAAUCCA		AGGCCGCG GGCTAGCTACAACGA TGGATTGA	33204
4634	6396	UCAAUCCA G CGCGGCCU	12822	TGAGGCCG GGCTAGCTACAACGA GCTGGATT	
4636	6394	AAUCCAGC G CGGCCUCA	12823		33205
4639	6391	CCAGCGCG G CCUCAGAA	12824	TTCTGAGG GGCTAGCTACAACGA CGCGCTGG	33206
4663	6367	UUCACCAA G CUUCGUGA	12825	TCACGAAG GGCTAGCTACAACGA TTGGTGAA	33207
4668	6362	CAAGCUUC G UGAUGACU	12826	AGTCATCA GGCTAGCTACAACGA GAAGCTTG	33208
4685	6345	UCCACUUC G UUGUUGUC	12827	GACAACAA GGCTAGCTACAACGA GAAGTGGA	33209
4688	6342	ACUUCGUU G UUGUCUUC	12828	GAAGACAA GGCTAGCTACAACGA AACGAAGT	33210
4691	6339	UCGUUGUU G UCUUCUAA	12829	TTAGAAGA GGCTAGCTACAACGA AACAACGA	33211
4704	6326	CUAAAAUU G UGUUUGUC	12830	GACAAACA GGCTAGCTACAACGA AATTTTAG	33212
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GGCTAGCTACAACGA ACAATTTT	33213
4710	6320	UUGUGUUU G UCCUAGGA	12832	TCCTAGGA GGCTAGCTACAACGA AAACACAA	33214
4727	6303	CCAUCAAA G CACCACCU	12833	AGGTGGTG GGCTAGCTACAACGA TTTGATGG	33215
4739	6291	CACCUCCG G UCGUGGUA	12834	TACCACGA GGCTAGCTACAACGA CGGAGGTG	33216
4742	6288	CUCCGGUC G UGGUAUGA	12835	TCATACCA GGCTAGCTACAACGA GACCGGAG	33217
4745	6285	CGGUCGUG G UAUGACAC	12836	GTGTCATA GGCTAGCTACAACGA CACGACCG	33218
4758	6272	ACACUCCA G CCGCUGCA	12837	TGCAGCGG GGCTAGCTACAACGA TGGAGTGT	33219
4761	6269	CUCCAGCC G CUGCAACC	12838	GGTTGCAG GGCTAGCTACAACGA GGCTGGAG	33220
4764	6266	CAGCCGCU G CAACCUUG	12839	CAAGGTTG GGCTAGCTACAACGA AGCGGCTG	33221
4772	6258	GCAACCUU G UAAGCCAG	12840	CTGGCTTA GGCTAGCTACAACGA AAGGTTGC	33222
4776	6254	CCUUGUAA G CCAGCCAA	12841	TTGGCTGG GGCTAGCTACAACGA TTACAAGG	33223
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4789	6241	CCAAACUG G CAGAUCUG	12843	CAGATCTG GGCTAGCTACAACGA CAGTTTGG	33225
4797	6233	GCAGAUCU G CAGUCCUC	12844	GAGGACTG GGCTAGCTACAACGA AGATCTGC	33226
		GAUCUGCA G UCCUCAAC	12845	GTTGAGGA GGCTAGCTACAACGA TGCAGATC	33227
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4843	6187	UCCUCUGA G CCGGUAUU	12848	AATACCGG GGCTAGCTACAACGA TCAGAGGA	33230
4847	6183	CUGAGCCG G UAUUCCCC	12849	GGGGAATA GGCTAGCTACAACGA CGGCTCAG	33231
4863	6167	CAUCCAUG G UAUAUACC	12850	GGTATATA GGCTAGCTACAACGA CATGGATG	33232
4879	6151	CUUCUCAC G CUCUGGUU	12851	AACCAGAG GGCTAGCTACAACGA GTGAGAAG	33233
4885	6145	ACGCUCUG G UUGGUAGA	12852		33234
4889	6141	UCUGGUUG G UAGAAUUG	12853		33235
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4915	6115	UCCGUUUG G CAUGUUGA	12857	TCAACATG GGCTAGCTACAACGA CAAACGGA	33239
4919	6111	UUUGGCAU G UUGAUGUU	12858	AACATCAA GGCTAGCTACAACGA ATGCCAAA	33240
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4928	6102	UUGAUGUU G UCCAGCAU	12860	ATGCTGGA GGCTAGCTACAACGA AACATCAA	33242
4933	6097	GUUGUCCA G CAUGAUUC	12861	GAATCATG GGCTAGCTACAACGA TGGACAAC	33243
4942	6088	CAUGAUUC G UGCCUCAG	12862	CTGAGGCA GGCTAGCTACAACGA GAATCATG	33244
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4959	6071	UCCAAUGG G CGAAGUUC	12865		33247
4964	6066	UGGGCGAA G UUCGAGUC	12866		33248
4970	6060	AAGUUCGA G UCGUCUUC	12867		33249
4973	6057	UUCGAGUC G UCUUCAUU	12868	AATGAAGA GGCTAGCTACAACGA GACTCGAA	33250
4983	6047	CUUCAUUC G UGUGCCCC	12869		33251
4985	6047	UCAUUCGU G UGCCCCCC	12870		33252
4987	6043	AUUCGUGU G CCCCCCAU			
		CCAUAACA G UACUCAUC	12871		33253
5000	6030		12872		33254
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5055	5975	UCUGGGCG G CACUAGCU	12877	AGCTAGTG GGCTAGCTACAACGA CGCCCAGA	33259
5061	5969	CGGCACUA G CUGCUGUC	12878	GACAGCAG GGCTAGCTACAACGA TAGTGCCG	33260
	5966	CACUAGCU G CUGUCACU	12879	AGTGACAG GGCTAGCTACAACGA AGCTAGTG	33261
5064		UAGCUGCU G UCACUGCA	12880	TGCAGTGA GGCTAGCTACAACGA AGCAGCTA	33262
5067	5963				<b>⊢</b> ——
5073	5957	CUGUCACU G CAGAUGGU	12881	ACCATCTG GGCTAGCTACAACGA AGTGACAG	33263
5080	5950	UGCAGAUG G UUCUCCCA	12882	TGGGAGAA GGCTAGCTACAACGA CATCTGCA	33264
5112	5918	CUCCUUCU G UUAUGAUG	12883	CATCATAA GGCTAGCTACAACGA AGAAGGAG	33265
5121	5909	UUAUGAUG G UUGGUUUC	12884	GAAACCAA GGCTAGCTACAACGA CATCATAA	33266
5125	5905	GAUGGUUG G UUUCACAC	12885	GTGTGAAA GGCTAGCTACAACGA CAACCATC	33267
5141	5889	CUCUUCCG G CUGUCAAU	12886	ATTGACAG GGCTAGCTACAACGA CGGAAGAG	33268
5144	5886	UUCCGGCU G UCAAUCAC	12887	GTGATTGA GGCTAGCTACAACGA AGCCGGAA	33269
5156	5874	AUCACCCU G CUCGCCUU	12888	AAGGCGAG GGCTAGCTACAACGA AGGGTGAT	33270
5160	5870	CCCUGCUC G CCUUGAAG	12889	CTTCAAGG GGCTAGCTACAACGA GAGCAGGG	33271
5168	5862	GCCUUGAA G UUAGCCCC	12890	GGGGCTAA GGCTAGCTACAACGA TTCAAGGC	33272
5172	5858	UGAAGUUA G CCCCCAUU	12891	AATGGGGG GGCTAGCTACAACGA TAACTTCA	33273
5189	5841	UCAGAUAU G UCUGUUGU	12892	ACAACAGA GGCTAGCTACAACGA ATATCTGA	33274
5193	5837	AUAUGUCU G UUGUGAUA	12893	TATCACAA GGCTAGCTACAACGA AGACATAT	33275
5196	5834	UGUCUGUU G UGAUAACA	12894	TGTTATCA GGCTAGCTACAACGA AACAGACA	33276
5207	5823	AUAACAAA G UCCCAAUC	12895	GATTGGGA GGCTAGCTACAACGA TTTGTTAT	33277
5219	5811	CAAUCAUC G UUCUUACA	12896	TGTAAGAA GGCTAGCTACAACGA GATGATTG	33278
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5234	5796	CAUUUUGG G UACUCCGU	12897		
5241	5789	GGUACUCC G UCUCGUAC	12898	GTACGAGA GGCTAGCTACAACGA GGAGTACC	33280
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5258	5772	GACUUUCU G UUCAAUUG	12900	CAATTGAA GGCTAGCTACAACGA AGAAAGTC	33282
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5354	5676	UUCCCGGU G UAUUCUGU	12909	ACAGAATA GGCTAGCTACAACGA ACCGGGAA	33291
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5381	5649	UAUCCAGA G UUCCAAGC	12912	GCTTGGAA GGCTAGCTACAACGA TCTGGATA	33294
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5466	5564	CUGGUGGG G UGGCUGUC	12921	GACAGCCA GGCTAGCTACAACGA CCCACCAG	33303
5469	5561	GUGGGGUG G CUGUCAUG	12922	CATGACAG GGCTAGCTACAACGA CACCCCAC	33304
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5487	5543	AUAUUGCC G CCGCCUCC	12925	GGAGGCGG GGCTAGCTACAACGA GGCAATAT	33307
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5500	5530	CUCCCCUA G CUCGACCU	12927	AGGTCGAG GGCTAGCTACAACGA TAGGGGAG	33309
5511	5519	CGACCUUU G UGGAAAUG	12928	CATTTCCA GGCTAGCTACAACGA AAAGGTCG	33310
5519	5511	GUGGAAAU G UAACCUCU	12929	AGAGGTTA GGCTAGCTACAACGA ATTTCCAC	33311
5529	5501	AACCUCUU G CUGCAAUG	12930	CATTGCAG GGCTAGCTACAACGA AAGAGGTT	33312
5532	5498	CUCUUGCU G CAAUGCUA	12931	TAGCATTG GGCTAGCTACAACGA AGCAAGAG	33313
5537	5493	GCUGCAAU G CUAGCUGG	12932	CCAGCTAG GGCTAGCTACAACGA ATTGCAGC	33314
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5582	5448	AACAGGUU G UAGUUCGG	12938	CCGAACTA GGCTAGCTACAACGA AACCTGTT	33320
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5597	5433	GGCACCCU G UGAGGAGA	12941	TCTCCTCA GGCTAGCTACAACGA AGGGTGCC	33323
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5679	5351	UGGGCACU G CGGAUGUC	12949	GTACCAGA GGCTAGCTACAACGA ATCCGCAG	33332
5685	5345	CUGCGGAU G UCUGGUAC	12950		
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5733	5297	UCUCAGCA G CCACAACC	12958	GGTTGTGG GGCTAGCTACAACGA TGCTGAGA	33340
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5763	5267	GCACGGCU G UUCUCAGU	12964	ACTGAGAA GGCTAGCTACAACGA AGCCGTGC	33346
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5803	5227	GAUCUGUG G CAGAAUCC	12969	GGATTCTG GGCTAGCTACAACGA CACAGATC	33351
5817	5213	UCCUCCUU G UUUUACCG	12970	CGGTAAAA GGCTAGCTACAACGA AAGGAGGA	33352
	5213	UUUUACCG G CGCCGGGA	12971	TCCCGGCG GGCTAGCTACAACGA CGGTAAAA	33353
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5828	<del></del>	GAGAUCCA G UACAGUGA	12973	TCACTGTA GGCTAGCTACAACGA TGGATCTC	33355
5845	5185	CCAGUACA G UGAUCUGU	12974	ACAGATCA GGCTAGCTACAACGA TGTACTGG	33356
5850	5180			GGAAAAA GGCTAGCTACAACGA AGATCACT	33357
5857	5173	AGUGAUCU G UUUUUUCC	12975		
5869	5161	UUUCCUCA 'G CAUCUCAG	12976	CTGAGATG GGCTAGCTACAACGA TGAGGAAA	33358
5878	5152	CAUCUCAG G UUCGAAUC	12977	GATTCGAA GGCTAGCTACAACGA CTGAGATG	33359
5889	5141	CGAAUCCG G CUGGGAUU	12978		33360
5899	5131	UGGGAUUG G CUCAUCCA	12979	<del></del>	33361
5920	5110	UUCACCCU G CACUAUCG	12980		33362
5928	5102	GCACUAUC G CGCUUAUG	12981		33363
5930	5100	ACUAUCGC G CUUAUGUA	12982		33364
5936	5094	GCGCUUAU G UAUGAGCC	12983	<u> </u>	33365
5942	5088	AUGUAUGA G CCGUUGGG	12984	<del></del>	33366
5945	5085	UAUGAGCC G UUGGGCAU	12985	<u> </u>	33367
5950	5080	GCCGUUGG G CAUUAUGA	12986	TCATAATG GGCTAGCTACAACGA CCAACGGC	33368
5966	5064	ACUCCAUU G CCAUAAAG	12987	CTTTATGG GGCTAGCTACAACGA AATGGAGT	33369
5974	5056	GCCAUAAA G CCCAAUCA	12988	TGATTGGG GGCTAGCTACAACGA TTTATGGC	33370
5990	5040	ACAUCACC G UUUUUGUC	12989	GACAAAAA GGCTAGCTACAACGA GGTGATGT	33371
5996	5034	CCGUUUUU G UCCACUAU	12990	ATAGTGGA GGCTAGCTACAACGA AAAAACGG	33372
6007	5023	CACUAUUG G UGAGCCUG	12991	CAGGCTCA GGCTAGCTACAACGA CAATAGTG	33373
6011	5019	AUUGGUGA G CCUGAUGU	12992		33374
6018	5012	AGCCUGAU G UUCCAGUG	12993		33375
6024	5006	AUGUUCCA G UGGGGAAG	12994	<u> </u>	33376
6032	4998	GUGGGGAA G UCCAAAGU	12995	the same of the sa	33377
6039	4991	AGUCCAAA G UCACGGCC	12996		33378
6045	4985	AAGUCACG G CCCCGAUU	12997	<u> </u>	33379
6064	4966	UCCUUCAG G UGUUUUGA	12998	<u> </u>	33380
6066	<del></del>	CUUCAGGU G UUUUGAAC	+		
3000	4964	COUCAGGO G GOOGMAC	12999	GTTCAAAA GGCTAGCTACAACGA ACCTGAAG	33381

6082 4948 CACCCCUG G UUUCGUCU 13000 AGACGAAA GGCTAGCTACAACGA CAGGC 6087 4943 CUGGUUUC G UCUGGACG 13001 CGTCCAGA GGCTAGCTACAACGA GAAAC 6095 4935 GUCUGGAC G UUCUUAAC 13002 GTTAAGAA GGCTAGCTACAACGA GTCCC 6104 4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA GGCTAGCTACAACGA GTTAAGAA 4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA GGCTAGCTACAACGA AGAAC 6110 4920 ACGUUCUU G CCAGGUUC 13004 GAACCTGG GGCTAGCTACAACGA AAGAAC 6115 4915 CUUGCCAG G UUCCACCA 13005 TGGTGGAA GGCTAGCTACAACGA CTGGC 6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGAAC 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGAAC 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA AGGAC 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AGGCC 6163 4867 CUUGUGCU G CAAUUUCC 13010 AATTGCAG GGCTAGCTACAACGA ACGAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6163 4867 CUUGUGCU G CAAUUUCC 13012 ACGGAGGA GGCTAGCTACAACGA CCTGCC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA CCTGCC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA CCTGCC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA TTTGT 6182 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT 6182 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT 6182 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT 6182 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT 6182 4841 UUGACACU G CCCCAGUA 13015 TACTGGGG GGCTAGCTACAACGA AGTGT 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA AGTGT 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA AGTGT 6190 4841 UUGACACU G CCCCAGUA 13015 TACTGGGG GGCTAGCTACAACGA AGTGT 6190 4821 UUGACACU G CCCCAGUA 13015 TACTGGGG GGCTAGCTACAACGA AGTGT 6190 4821 UUGACACU G CCCCAGUA 13015 TACTGGGG GGCTAGCTACAACGA AGTGT 6190 4821	AGAC 33384 AGAA 33385 ACGT 33386 CAAG 33387 GATT 33388 IGAG 33389 AGGA 33390 GGAA 33391 GTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 ITAC 33396 ICAA 33397
6095 4935 GUCUGGAC G UUCUUAAC 13002 GTTAAGAA GGCTAGCTACAACGA GTCCE 6104 4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA GGCTAGCTACAACGA GTTAA 6110 4920 ACGUUCUU G CCAGGUUC 13004 GAACCTGG GGCTAGCTACAACGA AAGAA 6115 4915 CUUGCCAG G UUCCACCA 13005 TGGTGGAA GGCTAGCTACAACGA CTGGC 6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGAAC 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGAC 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA AGGCC 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	AGAC 33384 AGAA 33385 ACGT 33386 CAAG 33387 GATT 33388 IGAG 33389 AGGA 33390 GGAA 33391 GTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 ITAC 33396 ICAA 33397
6104 4926 UUCUUAAC G UUCUUGCC 13003 GGCAAGAA GGCTAGCTACAACGA GTTAA 6110 4920 ACGUUCUU G CCAGGUUC 13004 GAACCTGG GGCTAGCTACAACGA AAGAA 6115 4915 CUUGCCAG G UUCCACCA 13005 TGGTGGAA GGCTAGCTACAACGA CTGGC 6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGAAC 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGAC 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA AGGCC 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	AGAA 33385 ACGT 33386 CAAG 33387 GATT 33388 TGAG 33389 AGGA 33390 GGAA 33391 JTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 ITAC 33396 ICAA 33397
6110 4920 ACGUUCUU G CCAGGUUC 13004 GAACCTGG GGCTAGCTACAACGA AAGAA 6115 4915 CUUGCCAG G UUCCACCA 13005 TGGTGGAA GGCTAGCTACAACGA CTGGC 6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGGAT 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGAT 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA GGGCZ 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGGA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	ACGT 33386 CAAG 33387 GATT 33388 TGAG 33389 AGGA 33390 GGAA 33391 GTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 TTAC 33396
6115 4915 CUUGCCAG G UUCCACCA 13005 TGGTGGAA GGCTAGCTACAACGA CTGGG 6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGATY 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGATY 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA GGGCY 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGGA GGCTAGCTACAACGA AAGTY 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	CAAG 33387 GATT 33388 IGAG 33389 AGGA 33390 GGAA 33391 JTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 ITAC 33396 ICAA 33397
6133 4897 AAUCAUCU G CACCUCAU 13006 ATGAGGTG GGCTAGCTACAACGA AGATC 6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGAT 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA GGGCZ 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	GATT 33388 TGAG 33389 AGGA 33390 GGAA 33391 GTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 TTAC 33396 TCAA 33397
6145 4885 CUCAUCCU G CCCGUUCC 13007 GGAACGGG GGCTAGCTACAACGA AGGAT 6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA GGGCY 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTX 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	TGAG 33389 AGGA 33390 GGAA 33391 ETGG 33392 CAAG 33393 GAAA 33394 GACC 33395 TTAC 33396
6149 4881 UCCUGCCC G UUCCACUU 13008 AAGTGGAA GGCTAGCTACAACGA GGGCA 6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGC 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	AGGA 33390 3GAA 33391 3TGG 33392 CAAG 33393 3AAA 33394 GACC 33395 TTAC 33396 TCAA 33397
6158 4872 UUCCACUU G UGCUGCAA 13009 TTGCAGCA GGCTAGCTACAACGA AAGTC 6160 4870 CCACUUGU G CUGCAAUU 13010 AATTGCAG GGCTAGCTACAACGA ACAAC 6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	GGAA 33391 GTGG 33392 CAAG 33393 GAAA 33394 GACC 33395 TTAC 33396 TCAA 33397
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6163 4867 CUUGUGCU G CAAUUUCC 13011 GGAAATTG GGCTAGCTACAACGA AGCAC 6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	CAAG 33393 GAAA 33394 GACC 33395 FTAC 33396 TCAA 33397
6175 4855 UUUCCAGG G UCCUCCGU 13012 ACGGAGGA GGCTAGCTACAACGA CCTGC 6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTGT	GAAA 33394 GACC 33395 FTAC 33396 FCAA 33397
6182 4848 GGUCCUCC G UAACAAAG 13013 CTTTGTTA GGCTAGCTACAACGA GGAGG 6190 4840 GUAACAAA G UCGAUCCU 13014 AGGATCGA GGCTAGCTACAACGA TTTG	GACC 33395 ITAC 33396 ICAA 33397
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	TCAA 33397
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6302 4728 ACCAUCAC G CCCGCUCC 13028 GGAGCGGG GGCTAGCTACAACGA GTGA	
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6413 4617 CACAACAC G CCUCCUCU 13045 AGAGGAGG GGCTAGCTACAACGA GTGT	TGTG 33427
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6596 4434 ACUCUUUC G CUCGAGCC 13062 GGCTCGAG GGCTAGCTACAACGA GAAA	GAGT 33444

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6606	4424	UCGAGCCU G UAAUUUCU	13064	AGAAATTA GGCTAGCTACAACGA AGGCTCGA	33446
6615	4415	UAAUUUCU G CAUCACUU	13065	AAGTGATG GGCTAGCTACAACGA AGAAATTA	33447
6635	4395	CAGGAAAU G UCCGCCGU	13066	ACGCCGGA GGCTAGCTACAACGA ATTTCCTG	33448
6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GGCTAGCTACAACGA GGACATTT	33449
6642	4388	UGUCCGCC G UUCUCUCA	13068	TGAGAGAA GGCTAGCTACAACGA GGCGGACA	33450
6663	4367	ACAUAUCU G UUGAUUUC	13069	GAAATCAA GGCTAGCTACAACGA AGATATGT	33451
6687	4343	UCACGAAA G CAGCAAAC	13070	GTTTGCTG GGCTAGCTACAACGA TTTCGTGA	33452
6690	4340	CGAAAGCA G CAAACAUG	13071	CATGTTTG GGCTAGCTACAACGA TGCTTTCG	33453
6700	4330	AAACAUGA G CCCCGCGA	13072	TCGCGGGG GGCTAGCTACAACGA TCATGTTT	33454
6705	4325	UGAGCCCC G CGAUAGUC	13073	GACTATCG GGCTAGCTACAACGA GGGGCTCA	33455
6711	4319	CCGCGAUA G UCAUUGGA	13074	TCCAATGA GGCTAGCTACAACGA TATCGCGG	33456
6723	4307	UUGGAAUG G CCAUGGAG	13075	CTCCATGG GGCTAGCTACAACGA CATTCCAA	33457
6731	4299	GCCAUGGA G UCAAUGUC	13076	GACATTGA GGCTAGCTACAACGA TCCATGGC	33458
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCTTGA GGCTAGCTACAACGA ATTGACTC	33459
6742	4288	AAUGUCAA G CUCUGCCA	13078	TGGCAGAG GGCTAGCTACAACGA TTGACATT	33460
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCTGG GGCTAGCTACAACGA AGAGCTTG	33461
6751	4279	CUCUGCCA G CCCUCCGA	13080	TCGGAGGG GGCTAGCTACAACGA TGGCAGAG	33462
6765	4265	CGACGAUG G CAAACAUU	13081	AATGTTTG GGCTAGCTACAACGA CATCGTCG	33463
6776	4254	AACAUUAG G CCGACAGC	13082	GCTGTCGG GGCTAGCTACAACGA CTAATGTT	33464
6783	4247	GGCCGACA G CUGUCAUC	13083	GATGACAG GGCTAGCTACAACGA TGTCGGCC	33465
6786	4244	CGACAGCU G UCAUCACU	13084	AGTGATGA GGCTAGCTACAACGA AGCTGTCG	33466
6798	4232	UCACUUCA G UUGCGGC	13085	GCCGCAA GGCTAGCTACAACGA TGAAGTGA	33467
6801	4232	CUUCAGUU G CGGGCCAU	13086	ATGGCCCG GGCTAGCTACAACGA AACTGAAG	33467
6805	4225	AGUUGCGG G CCAUCCGC	13087	GCGGATGG GGCTAGCTACAACGA AACTGAAG	
	4218	GGCCAUCC G CGUUUACG	13087		33469
6812				CGTAAACG GGCTAGCTACAACGA GGATGGCC	33470
6814	4216	CCAUCCGC G UUUACGGU	13089	ACCGTAAA GGCTAGCTACAACGA GCGGATGG	33471
6821	4209	CGUUUACG G UUGGGAUC	13090	GATCCCAA GGCTAGCTACAACGA CGTAAACG	33472
6834	4196	GAUCACAU G CAAUCAGU	13091	ACTGATTG GGCTAGCTACAACGA ATGTGATC	33473
6841	4189	UGCAAUCA G UCCAGCAG	13092	CTGCTGGA GGCTAGCTACAACGA TGATTGCA	33474
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6849	4181	GUCCAGCA G CAAGGAUC	13094	GATCCTTG GGCTAGCTACAACGA TGCTGGAC	33476
6863	4167	AUCAUGGG G UUGAAAAG	13095	CTTTTCAA GGCTAGCTACAACGA CCCATGAT	33477
6871	4159	GUUGAAAA G UCCUGUUG	13096	CAACAGGA GGCTAGCTACAACGA TTTTCAAC	33478
6876	4154	AAAGUCCU G UUGAGGCU	13097	AGCCTCAA GGCTAGCTACAACGA AGGACTTT	33479
6882	4148	CUGUUGAG G CUAGAGCC	13098	GGCTCTAG GGCTAGCTACAACGA CTCAACAG	33480
6888	4142	AGGCUAGA G CCAAGCAU	13099	ATGCTTGG GGCTAGCTACAACGA TCTAGCCT	33481
6893	4137	AGAGCCAA G CAUAGCAG	13100	CTGCTATG GGCTAGCTACAACGA TTGGCTCT	33482
6898	4132	CAAGCAUA G CAGACUUG	13101	CAAGTCTG GGCTAGCTACAACGA TATGCTTG	33483
6906	4124	GCAGACUU G CUCCUUUC	13102	GAAAGGAG GGCTAGCTACAACGA AAGTCTGC	33484
6921	4109	UCUUUUU G CAGCUGCA	13103	TGCAGCTG GGCTAGCTACAACGA AAAAAAGA	33485
6924	4106	UUUUUGCA G CUGCACUC	13104		33486
6927	4103	UUGCAGCU G CACUCCUC	13105		33487
6950	4080	CUGAUCAA G CUGCCUAU	13106		33488
6953	4077	AUCAAGCU G CCUAUUCC	13107		33489
6973	4057	CAUCAACA G CAGUAUCC	13108		33490
6976	4054	CAACAGCA G UAUCCUGU	13109		33491
6983	4047	AGUAUCCU G UACACAUC	13110	·	33492
7001	4029	AGAUUCAA G CAUCUCAG	13111	<u> </u>	33493
7009	4021	GCAUCUCA G CCCGGGUG	13112	<del></del>	33494
7015	4015	CAGCCCGG G UGUUAGCA	13113	TGCTAACA GGCTAGCTACAACGA CCGGGCTG	33495
7017	4013	GCCCGGGU G UUAGCAGG	13114		33496
7021	4009	GGGUGUUA G CAGGGCUA	13115		33497
7026	4004	UUAGCAGG G CUAGCAGC	13116	GCTGCTAG GGCTAGCTACAACGA CCTGCTAA	33498
7030	4000	CAGGGCUA G CAGCGGAA	13117	TTCCGCTG GGCTAGCTACAACGA TAGCCCTG	33499
7033	3997	GGCUAGCA G CGGAACAA	13118	TTGTTCCG GGCTAGCTACAACGA TGCTAGCC	33500
7046	3984	ACAACCAC G UUUGAUGU	13119	ACATCAAA GGCTAGCTACAACGA GTGGTTGT	33501
7053	3977	CGUUUGAU G UCGUUGUG	13120	CACAACGA GGCTAGCTACAACGA ATCAAACG	33502
7056	3974	UUGAUGUC G UUGUGAAU	13121	ATTCACAA GGCTAGCTACAACGA GACATCAA	33503
7059	3971	AUGUCGUU G UGAAUGUU	13122	AACATTCA GGCTAGCTACAACGA AACGACAT	33504
7065	3965	UUGUGAAU G UUAUGGCU	13123	AGCCATAA GGCTAGCTACAACGA ATTCACAA	33505
7071	3959	AUGUUAUG G CUCUCAGU	13124	ACTGAGAG GGCTAGCTACAACGA CATAACAT	33506
7078	3952	GGCUCUCA G UAUCAUCC	13125	GGATGATA GGCTAGCTACAACGA TGAGAGCC	33507
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	***	02/00803/			1 C17 C501740530	
TOTAL   TOTA	7089	3941	UCAUCCAA G CUACCGCC	13126	GGCGGTAG GGCTAGCTACAACGA TTGGATGA	33508
1999   3991   UNCOGECO & UNADURCA   13128   CARATTER GETAGCATACAGA PGGCGGTA   33510   13151   13152   SARTTERG GETAGCATACAGA PGGCGGTA   33510   13153   3891   AGAMUTU & GGGGCAUC   13130   ARTGECGG GGCTAGCTACAGAGA CARATTET   33512   13152   CARCAGAGA GARATTET   33512   13153   CARCAGAGA GARATTET   33512   CARCAGAGA GARATTET   33514   CARCAGAGA GARATTET   33514   CARCAGAGA GARATTET   33514   CARCAGAGA GARATTET   33514   CARCAGAGA GARATTET   33516   CARCAGAGA ARAGAGACA   CARCAGAGA   CAR			AAGCUACC G CCAGUGAA	13127	TTCACTGG GGCTAGCTACAACGA GGTAGCTT	33509
	1				TGAATTCA GGCTAGCTACAACGA TGGCGGTA	33510
1935   3883						
1415   38867						
	<b>—</b>					
1955   3875	7143	3887		<del></del>		
1977   3887   AGAANACA G COGCCANC   13134   6779GOG GCTAGCTACAACGA TOTTTTCT   33516   7176   38854   ANACAGCC G CCANCAUC   13135   CANGATTOG GCTAGCTACAACGA GCCTATTTCT   33517   7193   3837   AACAARAU G UUUCUCUU   13136   CANGAGAA GCCTAGCTACAACGA ACTTTUTT   33518   7202   3824   CCUGGUUG G UCCACUCUC   13136   GAGATGGA GCCTAGCTACAACGA ACTTTUTT   33518   7206   3824   CCUGGUUG G UCCACUCUC   13136   GAGATGGA GCCTAGCTACAACGA CAACGAGG   33520   7215   3815   UCCAUCUC G CUUUGAGA   13139   TCTCAAAG GCCTAGCTACAACGA CAACCAGG   33520   7215   3815   UCCAUCUC G CUUUGAGA   13139   TCTCAAAG GCCTAGCTACAACGA CAACCAGG   33520   72230   3800   GAAACGAG CACCAGG   GUUUGAGA   13139   TCTCAAAG GCCTAGCTACAACGA CAACCAGG   33520   7246   3764   AAACACCUG G UUUGAGA   13140   TATGGATGG GCCTAGCTACAACGA CAGCATGT   33522   7249   3761   CACUGGUUG A 12142   TCAACATTA GCCTACACTACAACGA CAGCATGT   33524   7249   3770   UCUUGAAG C UCCACAUG   13144   AGATACAA GCCTAGCTACAACGA CACCAGA   33526   7270   3760   CACCAUGA C COCCACUU   31144   ACCTACTGG GCCTAGCTACAACGA CACCATGC   33526   7277   3760   CACCAUGA C CUCCACAUG   13145   ACCTGGGG GCCTAGCTACAACGA CACCATGC   33527   7277   3765   CACCAUGAG C CCCACAGU   13146   ACCTCATGG GCCTAGCTACAACGA CACCATGC   33527   7277   3765   CACCAUGAG C CCCACAGU   13146   ACCACTGG GCCTAGCTACAACGA CACCATGC   33527   7277   3765   CACCAUGAG C CCCACAGU   13146   ACCACTGG GCCTAGCTACAACGA CACCATGC   33527   7277   3765   AGGGGCAA G UUUCACAC   13147   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7279   3761   CACCACAGU   40ACCACG   13148   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7277   3765   AGGAGACA C CUCCACC   13148   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7279   3751   CCUCCAAGU   40ACCACGU   13148   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7279   3751   CCUCCAAGU   40ACCACGU   13148   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7279   3751   CCUCCACAG   40ACCACGU   13148   ACCTGGGG GCCTAGCTACAACGA CACCAGG   33527   7279   3751   CCUCCACAG   40ACCACG   13146   ACCACTGG GCCTAGCTACAACGA CACCAGG   33527   33527   33	7148	3882		13132		
1776   3854   AARCAGC G CCARCAUC   13135   CANGTITGG GCTAGCTRICANCIA GCTGTTT   33517   7193   3837   AACCANAU G UUCUCCUG   13136   CAGGAGAA GGCTAGCTACAACGA ATTTUTT   33518   7202   3828   UUCUCCUG G UUGUGCUG   13137   TGGACCAA GGCTAGCTACAACGA CAGGAGAA   33519   7206   3824   CUCGUGUG G UUCGAGCG   13138   GAGATGGA GGCTAGCTACAACGA CAGGAGAA   33519   7215   3815   UCCALGUG G UUUGAGA   13139   TGTCAAAG GGCTAGCTACAACGA GAGATGAA   33519   72135   3815   UCCALGUG G UUUGAGAA   13139   TGTCAAAG GGCTAGCTACAACGA GAGATGAA   33517   72145   3815   UCCALGUG G UUUGAGAA   13139   TGTCAAAG GGCTAGCTACAACGA GAGATGAT   33524   7244   3781   CACUGGUG G UUUGAGA   13139   TGTCAAAG GGCTAGCTACAACGA GAGATGAT   33524   7244   3781   CACUGGUG G UAUCUUGA   13144   MATACAA GGCTAGCTACAACGA CAGTOTTT   33523   7250   3770   UCUUGAGAG G UAUCUUGA   13144   GCAAACTA GGCTAGCTACAACGA CAGTOTTT   33524   7270   UCUUGAGAG G UAUCUUGA   13144   GCAAACTA GGCTAGCTACAACGA CAGTOTTA   33526   7270   3760   CGCCAAGGU   13144   GCTCATGG GGCTAGCTACAACGA CAGTOTTA   33526   7270   3760   CGCCAAGGU   13144   GCTCATGG GGCTAGCTACAACGA CATCATGC   33527   7277   3753   AGGGCCAA G UGUACCCG   13147   GCTGATCA GGCTAGCTACAACGA CTCCATGG   33528   7277   3753   AGGGCCAA G UGUACCCG   13147   GTGGTACA GGCTAGCTACAACGA CTCCATGG   33528   7277   3753   AGGGCCAA G UGUCCCCC   13149   GAGGAGA GGCTAGCTACAACGA CTCCATGG   33528   7278   3744   UGUACCAC   GUACCACG   13144   GCTGATCA GGCTAGCTACAACGA CACTGGGG   33529   7278   3751   CGCCAAGAU G UACCACCGU   13149   GAGGAGA GGCTAGCTACAACGA CACTGGGG   33529   7279   3751   CGCCAAGAU G UACCACCGU   13149   GAGGAGA GCCTAGCTACAACGA GCTAGCTACAACGA GCCTAGCTACAACGA GCTAGCTACAACGA GCTAGCTACAACGA GCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCTAGCTACAACGA GCCT	7155	3875	CGUGAUAA G CCAUUUGA	13133	TCAAATGG GGCTAGCTACAACGA TTATCACG	33515
1932   3837	7173	3857	AGAAAACA G CCGCCAAC	13134	GTTGGCGG GGCTAGCTACAACGA TGTTTTCT	33516
7202   3828	7176	3854	AAACAGCC G CCAACAUC	13135	GATGTTGG GGCTAGCTACAACGA GGCTGTTT	33517
17202   3828	7193		AACAAAAU G UUCUCCUG	13136	CAGGAGAA GGCTAGCTACAACGA ATTTTGTT	33518
7205   3824				13137	TGGACCAA GGCTAGCTACAACGA CAGGAGAA	33519
7215   3815	<del></del>					
7216   3800						
1946   3784						
T2469   3781						
17256   3776	7246			<del> </del>		
7263   3767	7249	3781	CACUGGUU G UAUCUUGA	13142		
13760	7260	3770	UCUUGAAG G UCGCCAUG	13143	CATGGCGA GGCTAGCTACAACGA CTTCAAGA	33525
13146	7263	3767	UGAAGGUC G CCAUGAGC	13144	GCTCATGG GGCTAGCTACAACGA GACCTTCA	33526
7277   3758   CCAUGAGC   CCAAGUGU   13146   ACACTTGG GGCTAGCTACAACGA GCTCATGG   33528   7277   3753   AGCGCAAG   UGUACCAC   13147   GTGGTACA GGCTAGCTACAACGA TTGGCGCT   33529   7279   3751   GGCCAAGU   UACCCACU   13148   ACGTGGTA GGCTAGCTACAACGA ACTTGGGG   33530   7286   3744   UGUACCAC   UCUCCUCC   13149   GGAGGAG   GGCTAGCTACAACGA   ACTTGGGG   33537   7308   3722   UAGAUUCU   GCAAAGCU   13159   AGCTTTGG GGCTAGCTACAACGA   AGAATCTA   33531   7314   3716   CUGCGAAA   GCUGCCCCC   13151   GGGGGCAG   GGCTAGCTACAACGA   AGAATCTA   33531   7317   3713   GGAAAGCU   GCCCCACC   13151   GGGGGCAG   GGCTAGCTACAACGA   AGAATCTA   33531   7337   3733   GGAAAGCU   GCCCCACC   13151   GGGGGCAG   GGCTAGCTACAACGA   ATTGCCAG   33534   7337   33593   AUGACAUA   CUGACACA   13153   GTGTTACG   GGCTAGCTACAACGA   TATGCCAT   33535   7339   3691   GACAUAGC   GUAACACAU   13154   ATGGTTA   GGCTAGCTACAACGA   TATGTCAT   33537   7352   3658   ACACUCAG   GUGAAGCU   13155   TATTACTA   GGCTAGCTACAACGA   TATGTCAT   33537   7352   3678   ACAUCAGU   GUAAGUAAU   13156   ATTACTTA   GGCTAGCTACAACGA   ACTGATGT   33537   7356   3674   CAGUGUAA   GUAAGCAC   13157   GGCCATTACAACGA   ACTGATGT   33537   7356   3669   UAAGUAAU   GCCCCCAA   13158   TTGGGGG   GGCTAGCTACAACGA   ACTGATGT   33538   3691   AGAGUAAG   GCAAUCAG   GCAACCA   13158   TTGGGGG   GGCTAGCTACAACGA   TATCACTG   33531   3669   UAAGUAAU   GCCCCCAA   13158   TTGGGGG   GGCTAGCTACAACGA   TATCACTG   33541   7361   3669   UAAGUAAU   GCCCCCAA   13158   TTGGGGG   GGCTAGCTACAACGA   TATCACTG   33541   7386   3644   CUACAGGA   GCAAUCAGU   13160   ACTGATTG   GGCTAGCTACACACA   TATCACTG   33541   7393   3637   AGCAAUCAG   GUAUCAGU   13161   CAGCTATT   GCCTAGCTACACACA   TATCACTG   33541   7361   3669   UAAUGAGU   GUAUCAUC   13164   AAGATCA   GCCTAGCTACAACAA   TATCACTG   33541   73628   UAUAGCU   GUAUCAUC   13165   GTGGCAG   GCTAGCTACAACAA   TATCACTG   33547   AGCABUCAU   GUAUCAUC   GUAUCAUC   GUAUCAUC   GUAUCAUC   GUAUCAUC   GUAUCAUC   GUAUCAUC   13167   GTCCTCG   GCCTAGCTACAACAA   AGAGGTC   33546   7406   35	7270	3760	CGCCAUGA G CGCCAAGU	13145	ACTTGGCG GGCTAGCTACAACGA TCATGGCG	33527
7277   3753   AGGCCAA G UGUACCAC   13147   GTGGTACA GGCTAGCTACAACGA TTGGGGT   33529   7279   3751   CGCCAAGU G UGUCCUCC   13148   AGGTGGTA GGCTAGCTACAACGA ACTTGGGG   33530   7364   UGUACCAC G UGUCCUCC   13149   GGAGGAGA GGCTAGCTACAACGA GTGGTACA   33531   7308   3722   UAGAUUCU G CGAAAGCU   13150   AGCTTTCG GGCTAGCTACAACGA GTGGTACA   33531   7314   3716   CUGCGAA G CUGCCCCC   13151   GGGGGGAG GGCTAGCTACAACGA AGATCTA   33531   7317   3713   CGAAAGCU G CCCCCACC   13151   GGGGGGAG GGCTAGCTACAACGA AGATCTA   33534   7337   3693   AUGACAUA G CUGACCAU   13153   GTGTTACG GGCTAGCTACAACGA AGATCTAC   33534   7337   3693   AUGACAUA G CUACACAU   13154   GGTGGGGG GGCTAGCTACAACGA AGCTTTCG   33536   7350   3680   ACACAUCA G UGUAAGUA   13155   TACTTACA GGCTAGCTACAACGA TATGTCAT   33535   7352   3678   ACACAUCA G UGUAAGUA   13155   TACTTACA GGCTAGCTACAACGA TATGTCAT   33537   7356   3674   CAGUUGUA G UAAUGACA   13155   TACTTACA GGCTAGCTACAACGA TATGTCAT   33537   7356   3674   CAGUUGUA G UAAUGACA   13157   GGCCATTA GGCTAGCTACAACGA TATGATT   33539   7361   3669   UAAGUAAU   13156   ATTACTTA GGCTAGCTACAACGA TATCATTA   33539   7361   3669   UAAGUAAU   13156   ATTACTTA GGCTAGCTACAACGA TATCACTT   33537   7386   3644   CUAGCAUA G CAGAGCAA   13158   TTGGCTG GGCTAGCTACAACGA TATCACTT   33541   7386   3644   CUAGCAGA G CAAUCAGU   13160   ACTGATTG GGCTAGCTACAACGA TATCACTT   33541   7386   3644   CUAGCAGA G CAAUCAGU   13161   ACTGATTG GGCTAGCTACAACGA TATCACTT   33541   7386   3644   CUAGCAGA G CAAUCAGU   13161   ACTGATTG GGCTAGCTACAACGA TATCCCTG   33541   7398   3637   AGCAAUCA G UAUAGCUG   13162   CAGTCATT   GGCTAGCTACAACGA TATCCCTG   33542   7398   3637   AGCAAUCA G UAUAGCUG   13162   CAGTCATTA GGCTAGCTACAACGA TATCCCTG   33547   AGCAAUCA G UAUAGCUG   13162   CAGTCATG GGCTAGCTACAACGA TATCCCTG   33547   AGCAAUCA G UAUAGCUG   13162   CAGTCATG GGCTAGCTACAACGA TATCCCTG   33547   AGCAAUCA G UAUAGAG G CAGGCGAG   31652   CAGTCAGCTA GGCTAGCTACAACGA AGGCCAACG   33547   7398   3637   AGCAAUCA G UUGACAU   13163   TAGCCTG GGCTAGCTACAACGA AGGCCAACG   335			CCAUGAGC G CCAAGUGU	13146	ACACTTGG GGCTAGCTACAACGA GCTCATGG	33528
7279 3751 CGCCAAGU G UACCACGU 13148 ACGTGGTA GGCTACAACGA ACTTGGCG 39530 7286 3744 UGUACCAC G UCUCCUCC 13149 GAGGGAGA GGCTACATACAACGA GTGGTACA 33531 7317 3712 UAGAUUCU G CGAAAGCU 13150 ACCTTTCG GGCTACATACAACGA GTGGTACA 33531 7317 3713 CGAAAGCU G CCCCCACC 13151 GGGGGCAG GGCTAGCTACAACGA AGAATCTA 31532 7317 3713 CGAAAGCU G CCCCCACC 13151 GGGGGCAG GGCTAGCTACAACGA AGAATCTA 33531 7317 3733 3693 AUGACAUA G CGUAACAC 13153 GTGTTACG GGCTAGCTACAACGA AGATTTCCA 33531 7339 3691 GACAUAGC G UAACACAU 13154 ATGTGTTA GGCTAGCTACAACGA ATGTGCTA 33537 7350 3680 ACACAUCA G UGUAAGAC 13155 TACTTACA GGCTAGCTACAACGA GCTATGTC 33536 7356 3678 ACAUCAG G UGAAGCAU 13155 TACTTACA GGCTAGCTACAACGA TATGTCAT 33537 7351 3669 UAAGUAAU 13155 TACTTACA GGCTAGCTACAACGA ACTGATGT 33537 7351 3669 UAAGUAAU 13155 TACTTACA GGCTAGCTACAACGA ACTGATGT 33537 7361 3669 UAAGUAAU 13156 ATTACTTA GGCTAGCTACAACGA ATTACTTA 33540 7381 3669 CAGGACUA G CAGAGCAA 13158 TTGGGGG GGCTAGCTACAACGA ATTACTTA 33540 7381 3669 CAGGACUA G CAGAGCAA 13158 TTGGGGG GGCTAGCTACAACGA ATTACTCTA 33541 7386 3644 CUAGCAGG G CAAUCAGU 13160 ACTGATTG GGCTAGCTACAACGA TACTCTC 33541 7398 3632 UCAGUAUA G CUGCAAA 13160 ACTGATTG GGCTAGCTACAACGA TACTCTC 33541 7398 3632 UCAGUAUA G CUGCAACA 13160 ACTGATTG GGCTAGCTACAACGA TACTCCTC 33541 7406 3628 UAUAGCUG G CUAGCUG 13161 AGACTACA GGCTAGCTACAACGA TACTCCTC 33541 7406 3628 CUAGCUGU G UCAGCUG 13161 AGACTACA GGCTAGCTACAACGA TACTCCTC 33546 7416 3614 UGAUCCUG G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA TACTCCTAG 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA ATGCCACA 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA ATGCCACA 33546 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA CAAGAATCA 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA CAAGAATCA 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA CAAGAACA 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA CAAGAACA 33547 7406 3624 GCUGGGAU G CUGAUCUU 13164 AGAATCAG GGCTAGCTACAACGA CAAGAACA 33547 7406 3624 GCUGAGUAU 13170 CCC						33529
				<del> </del>		
7308   3722						
7314   3716						
7317   3713   CGAAAGCU G CCCCCACC   13152   GGTGGGGG GGCTAGCTACAACGA AGCTTTCG   33534   7337   3693   AUGACAUA G CGUAACAC   13153   GTGTTACG GGCTAGCTACAACGA TAGTCAT   33535   7359   3691   GACAUAGC G UAACACAU   13154   ATGTGTTAC GGCTAGCTACAACGA TAGTCAT   33535   7350   3690   ACACAUCA G UGUAAGAC   13155   TACTTACA GGCTAGCTACAACGA CGTAGTGT   33537   7352   3678   ACAUCAGU G UAAGACAU   13155   TACTTACA GGCTAGCTACAACGA AGTGATGT   33537   7356   3674   CAGUGUAA G UAAUGACU   13157   GGGCAGTAGCTACAACGA ACTGATGT   33539   7356   3674   CAGUGUAA G UAAUGCCC   13157   GGGCAGTTA GGCTAGCTACAACGA ACTGACTG   33539   7361   3669   UAAGACAU G CCCCCAAA   13158   TTTGGGGG GGCTAGCTACAACGA ATTACTTA   33540   7386   3644   CUAGGACUA G CAAUCAGU   13156   ATTACTTC GGCTAGCTACAACGA ATTACTTA   33541   7386   3644   CUAGGACUA G UAUAGCUG   13156   ACTGATTG GGCTAGCTACAACGA TAGTCCTG   33541   7393   3637   AGCAAUCA G UAUAGCUG   13161   ACTGATTG GGCTAGCTACAACGA TCTGCTAG   33542   7398   3632   UCAGUAUA G CUAGCAUG   13161   CAGCTATA GGCTAGCTACAACGA TCTGCTAG   33547   7406   3628   UAUAGCUG G CUGGCUGA   13163   TCAGCATG GGCTAGCTACAACGA TAGTCAG   33546   7406   3624   GCUGGCAU G CUGAUCUU   13164   AAGATCAG GGCTAGCTACAACGA TAGTCAGA   33547   7416   3614   UGAUCUUG G CUGUCCAC   13165   GTGGACAG GGCTAGCTACAACGA ATGCCAGG   33546   7419   3611   UCUUGGCU G UCCACCUC   13165   GTGGACAG GGCTAGCTACAACGA ATGCCAGG   33547   7449   3581   CCUCGUGG G UGCCACG   13167   GTCCTTCG GGCTAGCTACACGA CAGCTATA   33547   7449   3581   CCUCGUGG G UGCCACG   13167   GTCCTTCG GGCTAGCTACACGA CAGCTAGA   33547   7449   3581   CCUCGUGG G UGCCACG   13167   GTCCTTCG GGCTAGCTACACGA CAGCTAGA   33547   7449   3581   CCUCGUGG G UGCCAAG   13167   GTCCTTCG GGCTAGCTACACGA CAGCAGA   33554   7449   3581   CCUCGUGG G UGCCAAG   13167   GTCCTTCG GGCTAGCTACACGA CAGCAGA   33557   7459   3533   UCAUAUCA G CCAGCGG   13174   TGCAGCAG GGCTAGCTACACGA CCCAGGG   33555   7550   3560   GCACGAGG G CCAGAGGG   13174   TGCAGCAG GGCTAGCTACACGA CCCCAGG   33556   7550   3560   GCACGAGG G CCAGCAGG   13177						
7337   3693   AUGACAUA G CGUAACAC   13153   GTGTTACG GGCTAGCTACAACGA TATGTCAT   33535   7339   3691   GACAUAGC G UAACACAU   13154   ATGTGTATA GGCTAGCTACAACGA GCTAGTTC   33536   7350   3660   ACCAGUCA G UGUAAGUA   13155   TACTTACA GGCTAGCTACAACGA TGATGTGT   33537   7352   3678   ACAUCAGU G UAAGUAAU   13156   ATTACTTA GGCTAGCTACAACGA ACTGATGT   33537   7356   3674   CAGUGAGU G UAAGUAAU   13156   ATTACTTA GGCTAGCTACAACGA ACTGATGT   33538   7356   3674   CAGUGAGU G CACCACAA   31357   GGCCATTA GGCTAGCTACAACGA ATTACTTA   33539   7361   3669   UAAGUAAU G CCCCCAAA   13157   GGCCATTA GGCTAGCTACAACGA ATTACTTA   33540   7386   3644   CUAGCAGA G CAAUCAGU   13169   ATTGATTA GGCTAGCTACAACGA TATGCTTA   33541   7386   3644   CUAGCAGA G CAAUCAGU   13160   ACTGATTG GGCTAGCTACAACGA TATGCTTA   33541   7398   3632   UCAGUAUA G CUGCCAU   13161   CACCTATA GGCTAGCTACACGA TATGCTA   33544   7402   3628   UAUAGCUG G CUAGCUGA   13161   CACCTATA GGCTAGCTACACGA TATACTGA   33545   7406   3624   GCUGGCAU G CUGAUCUU   13164   AAGATCAG GGCTAGCTACACGA CAGCTATA   33547   7416   3614   UGAUCUUG G CUGAUCUU   13164   AAGATCAG GGCTAGCTACAACGA AGCCAACGA   7416   3614   UGAUCUUG G CUGAUCUU   13165   GTGGCAG GGCTAGCTACAACGA AGCCAACGA   7416   3614   UGAUCUUG G CUGACUC   13165   GTGGCAG GGCTAGCTACAACGA AGCCAACGA   7416   3614   UGAUCUUG G CUGACCUC   13165   GTGGCAG GGCTAGCTACAACGA AGCCAACGA   7430   3600   CACCUCUU G CGAAGGAC   13167   GTCCTTCG GGCTAGCTACAACGA AGCCAAGA   33547   7430   3600   CACCUCUU G CGAAGGAC   13167   GTCCTTCG GGCTAGCTACAACGA AGCAACGA   335547   7446   3584   CCUCCUGG G UGCCACGUC   13167   GTCCTTCG GGCTAGCTACAACGA CCCCAGG   33551   7469   3561   ACCAGAAG C CCAACGAC   13167   GTCCTTCG GGCTAGCTACAACGA CCCCAGG   33551   7469   3561   ACCAGAAG C CCCACGC   13170   CAGTTGG GGCTAGCTACAACGA CCCCAGG   33551   7469   3561   ACCAGAAG G CCCAACGAC   13170   CAGTTGG GGCTAGCTACAACGA CACCCAGG   33551   7506   3524   CAUUAUAA G CAUUAUAA   13171   ATGATTGA GGCTAGCTACAACGA CACCCAGG   335551   7506   3554   CAUUAUAA G CAUUAUCAU   13173   AGTGAACG GGCT						
7339   3691	7317	3713				
7350   3680   ACACAUCA G UGUAAGUA   13155   TACTTACA GGCTAGCTACAACGA TGATGTOT   33537   7352   3678   ACAUCAGU G UAAGUAAU   13156   ATTACTTA GGCTAGCTACAACGA ACTGATGT   33538   7356   3674   CAGUGUAA G UAAUGCCC   13157   GGCCATAGCTAGCTACAACGA ACTGATGT   33538   7356   3669   UAAGUAAU G CCCCCAAA   13158   TTTGGGGG GGCTAGCTACAACGA ATTACTTA   33540   7381   3649   CAGGACUA G CAGAGCAA   13159   TTGCTCTG GGCTAGCTACAACGA ATTACTCTG   33541   7386   3644   CUAGCAGA G CAAUCAGU   13160   ACTGATTG GGCTAGCTACAACGA TAGTCCTG   33541   7393   3637   AGCAAUCAG G UAUAGCUG   13161   CAGCTATA GGCTAGCTACAACGA TGATTCCT   33542   7398   3632   UCAGUAUA G CUGGCUG   13161   CAGCTATA GGCTAGCTACAACGA TGATTCCT   33547   7402   3628   UAUAGCUG G CUGGCUGA   13161   CAGCTATG GGCTAGCTACAACGA TGATTCCT   33547   7406   3624   GCUGGCUG G CUGGUCUA   13164   AAGATCAG GGCTAGCTACAACGA TATACTGA   33547   7406   3624   GCUGGCUG G CUGGUCUA   13164   AAGATCAG GGCTAGCTACAACGA ATGCCAGC   33547   7419   3611   UCUUGGCU G UCCACCUC   13166   GAGGTGGG GGCTAGCTACAACGA ATGCCAGC   33547   7419   3611   UCUUGGCU G UCCACCUC   13166   GAGGTGGG GGCTAGCTACAACGA AGGACTAC   33547   7449   3581   CCUCGUGG G UGGCCAAG   13167   GTCCTTCG GGCTAGCTACAACGA AGGCAAGA   33548   7430   3600   CACCUCUU G CGAAGGAC   13167   GTCCTTCG GGCTAGCTACAACGA AGGAGAG   33550   7449   3581   CCUCGGG G UGGCCAAG   13166   CTTGGCG GGCTAGCTACAACGA ACGAGAGG   33550   7449   3581   CCUCGGG G UGGCCAAG   13167   GTCCTTCG GGCTAGCTACAACGA CCACGAGG   33550   7469   3561   ACCAGAAG G CCCAACGU   13167   GTCCTTCG GGCTAGCTACAACGA CCACGAGG   33550   7469   3561   ACCAGAAG G CCCAACGU   13167   GTCCTTCG GGCTAGCTACAACGA CCACCAGG   33551   7550   3524   CAUUAUAA G CAUUAUAA   13171   ATGATTAG GGCTAGCTACAACGA CTCTTTCA   33553   7550   3550   GCACGAGG G UCAUUACU   13173   ATGATTAG GGCTAGCTACAACGA CTCTTTCA   33557   7550   3524   CAUUAUAA G CAUUCACU   13173   ATGATAG GGCTAGCTACAACGA CTCTATCA   33557   7550   3550   GCACGAGG G UCAUUCACU   13174   TGCAGTCG GGCTAGCTACAACGA CTCTATCA   33557   7550   3550   GCACGAGG G U	7337	3693	AUGACAUA G CGUAACAC	13153	GTGTTACG GGCTAGCTACAACGA TATGTCAT	
7352   3678	7339	3691	GACAUAGC G UAACACAU	13154	ATGTGTTA GGCTAGCTACAACGA GCTATGTC	33536
7356   3674	7350	3680	ACACAUCA G UGUAAGUA	13155	TACTTACA GGCTAGCTACAACGA TGATGTGT	33537
7356   3674	7352	3678	ACAUCAGU G UAAGUAAU	13156	ATTACTTA GGCTAGCTACAACGA ACTGATGT	33538
7361   3669		3674	CAGUGUAA G UAAUGCCC	13157	GGGCATTA GGCTAGCTACAACGA TTACACTG	33539
7381         3649         CAGGACUA G CAGAGCAA         13159         TTGCTCTG GGCTAGCACACGA TAGTCCTG         33541           7386         3644         CUAGCAGA G CAAUCAGU         13160         ACTGATTG GGCTAGCTACAACGA TCTGCTAG         33542           7393         3637         AGCAAUCA G UAUAGCUG         13161         CAGCTATA GGCTAGCTACAACGA TGTTGCT         33543           7398         3632         UCAGUAUA G CUGGCAUG         13162         CATGCCAG GGCTAGCTACAACGA TATCCTAG         33544           7402         3628         UAUAGCUG G CUGUCCU         13163         TCAGCATG GGCTAGCTACAACGA TAGCCACC         33545           7416         3624         GCUGGCAU G CUGUCCAC         13164         AAGATCAG GGCTAGCTACAACGA ATGCCACC         33546           7416         3611         UCUUGGCU G UCGCCCCC         13165         GTGAGCTAGCAACGA CAAGATCA         33547           7419         3611         UCUUGGCU G UCGCCACC         13166         GAGGTGCA         GGCTAGCTACAACGA AGCACACAGA         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA AGCACCACCAGG         33551           7449         3581         CCUCGUGG G UCAAUCAU         13170         CAGTTGCTACAACGA CTCTTGGT         33552           7484         3546         UGAAAGG				13158	TTTGGGGG GGCTAGCTACAACGA ATTACTTA	33540
7386         3644         CUAGCAGA G CAAUCAGU         13160         ACTGATTG GGCTAGCTACAACGA TCTGCTAG         33542           7393         3637         AGCAAUCA G UAUAGCUG         13161         CAGCTATA GGCTAGCTACAACGA TGATTGCT         33543           7398         3632         UCAGUAUA G CUGGCAUG         13162         CATGCCAG GGCTAGCTACAACGA TATACTGA         33544           7402         3628         UAUAGCUG G CUGCUGA         13163         TCAGCATG GGCTAGCTACAACGA CACCTATA         33545           7406         3624         GCUGGCAU G CUGAUCUU         13164         AAGATCAG GGCTAGCTACAACGA ATGCCAGC         33546           7416         3614         UGAUCUUG G CUGACCUC         13165         GTGGACAG GGCTAGCTACAACGA ATGCCAGCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTAGCTACAACGA AGAGAGA         33548           7449         3581         CCUCCUUG G CGAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA ACCAAGAGA         33550           7449         3581         CCUGGGUG G CCAAGAAC         13169         GTTCTTGG GGCTAGCTACAACGA CTCTGGT         33550           7484         3546         UGAAAGG G UCAAUCAU         13170         CAGTTAGGG GCTAACACGA CTCTTGGT         33552           7484         3546         UGAAAGG G UCAUU	-			+	<u> </u>	
7393         3637         AGCAAUCA G UAUAGCUG         13161         CAGCTATA GGCTAGCTACAACGA TGATTGCT         33543           7398         3632         UCAGUAUA G CUGGCAUG         13162         CATGCCAG GGCTAGCTACAACGA TATACTGA         33544           7402         3628         UAUAGCUG G CAUGCUGA         13163         TCAGCATG GGCTAGCTACAACGA CAGCTATA         33545           7406         3624         GCUGGCAU G CUGAUCUU         13164         AAGATCAG GGCTAGCTACAACGA ATGCCAGC         33546           7416         3614         UGAUCUUG G CUGACCUC         13165         GTGGACAG GGCTAGCTACAACGA CAAGATCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTAGCTACAACGA AGAGACA         33548           7440         3600         CACCUCUG G UGGCCAAG         13167         GTCCTTCG GGCTAGCTACAACGA AGAGGGG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13169         GTTCTTCG GGCTAGCTACACGA CACCCAGG         33551           7469         3561         ACCAGAAG G CCAACUG         13170         CAGTTAGCTACAACGA CCTTTCA         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTAG GGCTAGCTACAACGA CCTTTCA         33553           7497         3533         UCAUUAUAA G CAUUCACU <td></td> <td></td> <td></td> <td><del></del></td> <td></td> <td></td>				<del></del>		
7398         3632         UCAGUAUA G CUGGCAUG         13162         CATGCCAG GGCTAGCTACAACGA TATACTGA         33544           7402         3628         UAUAGCUG G CAUGCUGA         13163         TCAGCATG GGCTAGCTACAACGA CAGCTATA         33545           7406         3624         GCUGGCAU G CUGAUCUU         13164         AAGATCAG GGCTAGCTACAACGA ATGCCAGC         33546           7416         3614         UGAUCUUG G CUGUCCAC         13165         GTGGACAG GGCTAGCTACAACGA CAAGATCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTAGCTACAACGA CAAGATCA         33548           7430         3600         CACCUCUU G CAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA CAGGAGG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCAGGAGG         33551           7449         3581         CCUGGGUG G CCAACUU         13170         CAGTTGGG GGCTAGCTACAACGA CTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTAG GGCTAGCTACAACGA CTCTTGGT         33552           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA CTCTTGCA         33555           7516         3514         AUUCACUU G UG					1	<u></u>
7402         3628         UAUAGCUG G CAUGCUGA         13163         TCAGCATG GGCTACAACGA CAGCTATA         33545           7406         3624         GCUGGCAU G CUGAUCUU         13164         AAGATCAG GGCTACCACGA ATGCCAGC         33546           7416         3614         UGAUCUUG G CUGUCCAC         13165         GTGGACAG GGCTAGCTACAACGA CACGATCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTAG GGCTAGCTACAACGA AGCCAAGA         33548           7430         3600         CACCUCUU G CGAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA AGAGGGG 33559           7449         3581         CCUCCUGG G UGGCCAAG         13169         GTTCTTGG GGCTACAACGA CACCCAGG 33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTACAACGA CTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTACAACGA CTTTTGGT         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA CTTTTAAA         33554           7506         3524         CAUUAUAA G CAUUCACU         13174         TGCAGTCAACAGA TTATAATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTACAACGA AGT				<del></del>	ļ	
7406         3624         GCUGGCAU G CUGAUCUU         13164         AAGATCAG GGCTACCACGA ATGCCAGC         33546           7416         3614         UGAUCUUG G CUGUCCAC         13165         GTGGACAG GGCTACCACGA CAAGATCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTACCACGA AGCCAAGA         33548           7430         3600         CACCUCUU G GAGAGAC         13167         GTCCTTCG GGCTAGCTACAACGA ACAGAGTG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCAGGAGG         33551           7449         3581         CCUGGGUG G CCAACUG         13169         GTTCTTGG GGCTAGCTACAACGA CACCAGGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTACCAACGA CTTTTCA         33553           7497         3533         UCAUAUAA G CAUUCACU         13171         ATGATTGAGCTACAACGA TATATAGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TATATAGA         33555           7522         3508         UUGUGACU G CACGAGG         <				<del></del>		
7416         3614         UGAUCIUG G CUGUCCAC         13165         GTGGACAG GGCTAGCTACAACGA CAAGATCA         33547           7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTAGCTACAACGA AGCCAAGA         33548           7430         3600         CACCUCUU G CGAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA AGAGGTG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCACCAGG         33551           7449         3581         CCUGGGG G CCAACUG         13170         CAGTTGG GGCTAGCTACAACGA CTCTGGT         33552           7469         3561         ACCAGAAG G CCCAACUG         13171         ATGATTGA GGCTAGCTACAACGA CTTTTGGT         33552           7484         3546         UGAAAGAG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CTTTTGGT         33552           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA CTTTATATG         33552           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGACTACAACGA TTATAATG         33555           7516         3514         AUUCACUU G UGACUGA         13174         TGCAGTAGCTACAACGA AGTGACAA         33557           7522         3508         UUGUGACU G CACGAGG			<del></del>	<del> </del>		
7419         3611         UCUUGGCU G UCCACCUC         13166         GAGGTGGA GGCTAGCTACAACGA AGCCAAGA         33548           7430         3600         CACCUCUU G CGAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA AAGAGGTG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CACCAGGG         33550           7449         3581         CCUCGGUG G CCAACUG         13169         GTTCTTGG GGCTAGCTACAACGA CACCAGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTCTTGGT         33553           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CTCTTCTGT         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA CTTATATGA         33554           7506         3524         CAUUAUAA G CAUUACCU         13173         AGTGAATG GGCTAGCTACAACGA TTATAATG         33556           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA ATGAATATGA         33557           7522         3508         UUGUGACU G CACGAGG         13175         CCCTCGTG GGCTAGCTACAACGA ATGATGAA         33558           7530         3500         GCACGAGG	7406	3624	GCUGGCAU G CUGAUCUU	<del> </del>		
7430         3600         CACCUCUU G CGAAGGAC         13167         GTCCTTCG GGCTAGCTACAACGA AAGAGGTG         33549           7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCAGGAGG         33550           7449         3581         CCUGGGUG G CCAAGAAC         13169         GTTCTTGG GGCTAGCTACAACGA CACCCAGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTTTCA         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CCTTTTCA         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TGATATGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TATATAGA         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTACCAACGA ATGTACAA         33557           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA ATGATAAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA ATGATGAA         33558           7543         3487         UUCAUCUG G UG	7416	3614	UGAUCUUG G CUGUCCAC	13165	GTGGACAG GGCTAGCTACAACGA CAAGATCA	33547
7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCAGGAGG         33550           7449         3581         CCUGGGUG G CCAAGAAC         13169         GTTCTTGG GGCTAGCTACAACGA CACCCAGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CCTTTTCA         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TTATATGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TTATATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA TTATATG         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTGAAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTACAACGA AGTGAAA         33559           7543         3487         UUCAUCAU G UGUUUUCA         13177         CACAGAGA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UUCUGUG G UCUGAUC	7419	3611	UCUUGGCU G UCCACCUC	13166	GAGGTGGA GGCTAGCTACAACGA AGCCAAGA	33548
7446         3584         CCUCCUGG G UGGCCAAG         13168         CTTGGCCA GGCTAGCTACAACGA CCAGGAGG         33550           7449         3581         CCUGGGUG G CCAAGAAC         13169         GTTCTTGG GGCTAGCTACAACGA CACCCAGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CCTTTTCA         33553           7497         3533         UCAUUAUA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TTATAATG         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TTATAATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA AAGTGAAT         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTGACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA ATGATGAA         33559           7543         3487         UUCAUCUG G UGUCUGA         13178         TCAGACCA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UCUCUGUG </td <td>7430</td> <td>3600</td> <td>CACCUCUU G CGAAGGAC</td> <td>13167</td> <td>GTCCTTCG GGCTAGCTACAACGA AAGAGGTG</td> <td>33549</td>	7430	3600	CACCUCUU G CGAAGGAC	13167	GTCCTTCG GGCTAGCTACAACGA AAGAGGTG	33549
7449         3581         CCUGGGUG G CCAAGAAC         13169         GTTCTTGG GGCTAGCTACAACGA CACCCAGG         33551           7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CCTTTTCA         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TGATATGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TGATATATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA AGTCACAA         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA ATGATGAA         33558           7543         3487         UUCAUCAU G UGUCUGA         13177         CACAGAGA GGCTAGCTACAACGA ATGATGAA         33560           75549         3481         AUGUCUCU G UGGUCUGA         13178         TCAGCAG GGCTAGCTACAACGA AGAGAACTA         33561           7577         3453         UACCAACA			CCUCCUGG G UGGCCAAG			33550
7469         3561         ACCAGAAG G CCCAACUG         13170         CAGTTGGG GGCTAGCTACAACGA CTTCTGGT         33552           7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTAGCTACAACGA CCTTTTCA         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TGATAGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TATAAATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA AAGTGAAT         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA CCTCGTGC         33558           7543         3487         UUCAUCAU G UCUCUGUG         13177         CACAGAGA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UCUCUGUG G UCUGAUCU         13179         AGATCAGA GGCTACCAACGA CACAACGA         AGAGACAT         33562           7580         3450         CAACAGCC G CUGUCAGU         13180         GACAGCGG GGCTAGCTACAACGA AGCGCTTTC         33563           7587         3443 <td>7449</td> <td>3581</td> <td>CCUGGGUG G CCAAGAAC</td> <td>13169</td> <td>GTTCTTGG GGCTAGCTACAACGA CACCCAGG</td> <td>33551</td>	7449	3581	CCUGGGUG G CCAAGAAC	13169	GTTCTTGG GGCTAGCTACAACGA CACCCAGG	33551
7484         3546         UGAAAAGG G UCAAUCAU         13171         ATGATTGA GGCTACCAACGA CCTTTTCA         33553           7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTACCAACGA TGATATGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTACCAACGA TTATAATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTACCAACGA AGTCACAA         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA AGTCACAA         33558           7543         3487         UUCAUCAU G UCUCUGUG         13177         CACAGAGA GGCTAGCTACAACGA ATGATGAA         33559           7549         3481         AUGUCUGU G UGGUCUGA         13178         TCAGACCA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UCUCUGUG G UCUGAUCU         13179         AGATCAGA GGCTAGCTACAACGA CACAGAGA         33561           7577         3453         UACCAACA G CCGCUGUC         13180         GACAGCGG GGCTAGCTACAACGA TGTTGGTA         33563           7580         3447         CAGCGCC G UCGUCAGU <td><del></del></td> <td></td> <td></td> <td>+</td> <td></td> <td></td>	<del></del>			+		
7497         3533         UCAUAUCA G CAUUAUAA         13172         TTATAATG GGCTAGCTACAACGA TGATATGA         33554           7506         3524         CAUUAUAA G CAUUCACU         13173         AGTGAATG GGCTAGCTACAACGA TTATAATG         33555           7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA AGTCACAA         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA AGTCACAA         33558           7543         3487         UUCAUCAU G UCUCUGUG         13177         CACAGAGA GGCTAGCTACAACGA ATGATGAA         33559           7549         3481         AUGUCUCU G UGGUCUGA         13178         TCAGACCA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UCUCUGUG G UCUGAUCU         13179         AGATCAGA GGCTAGCTACAACGA CACAGAGA         33561           7577         3453         UACCAACA G CCGCUGU         13180         GACAGCGG GGCTAGCTACAACGA TGTTGGTA         33562           7580         3450         CAACCAGC G CUGUCAGU         13181         ACTGACAG GGCTAGCTACAACGA TGACAGCG         33564           7587         3443         CGCUGUCA G			<del></del>	<del></del>		
7506 3524 CAUUAUAA G CAUUCACU 13173 AGTGAATG GGCTAGCTACAACGA TTATAATG 33555 7516 3514 AUUCACUU G UGACUGCA 13174 TGCAGTCA GGCTAGCTACAACGA AAGTGAAT 33556 7522 3508 UUGUGACU G CACGAGGG 13175 CCCTCGTG GGCTAGCTACAACGA AGTCACAA 33557 7530 3500 GCACGAGG G UCUUUUCA 13176 TGAAAAGA GGCTAGCTACAACGA CCTCGTGC 33558 7543 3487 UUCAUCAU G UCUCUGUG 13177 CACAGAGA GGCTAGCTACAACGA ATGATGAA 33559 7549 3481 AUGUCUCU G UGGUCUGA 13178 TCAGACCA GGCTAGCTACAACGA ATGATGAA 33560 7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACGA CACAGAGA 33561 7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA CAAACTGA 33566 7597 3433 UUGGUAGC G CAGUGGU 13185 CCACTGCG GGCTAGCTACAACGA CAAACTGA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTACCAA 33568				<del></del>		
7516         3514         AUUCACUU G UGACUGCA         13174         TGCAGTCA GGCTAGCTACAACGA AAGTGAAT         33556           7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA ACGA CCTCGTGC         33558           7543         3487         UUCAUCAU G UCUCUGUG         13177         CACAGAGA GGCTAGCTACAACGA ATGATGAA         33559           7549         3481         AUGUCUCU G UGGUCUGA         13178         TCAGACCA GGCTAGCTACAACGA ATGATGAA         33560           7552         3478         UCUCUGUG G UCUGAUCU         13179         AGATCAGA GCTAGCTACAACGA CACAGAGA         33561           7577         3453         UACCAACA G CCGCUGUC         13180         GACAGCGG GCTAGCTACAACGA TGTTGGTA         33562           7580         3450         CAACAGCC G CUGUCAGU         13181         ACTGACAG GGCTAGCTACAACGA GGCTGTTG         33563           7583         3447         CAGCCGCU G UCAGUUG         13182         CAAACTGA GGCTACCAACGA TGACAGCG         33564           7587         3438         UCAGUUG G UAGCGCAG         13184         CTGCGCTA GGCTACCAACGA CAAACTGA         33566           7595         3435         GUUUGGUA G CGC			<del></del>			
7522         3508         UUGUGACU G CACGAGGG         13175         CCCTCGTG GGCTAGCTACAACGA AGTCACAA         33557           7530         3500         GCACGAGG G UCUUUUCA         13176         TGAAAAGA GGCTAGCTACAACGA CCTCGTGC         33558           7543         3487         UUCAUCAU G UCUCUGUG         13177         CACAGAGA GGCTAGCTACAACGA ATGATGAA         33559           7549         3481         AUGUCUCU G UGGUCUGA         13178         TCAGACCA GGCTAGCTACAACGA AGAGACAT         33560           7552         3478         UCUCUGUG G UCUGAUCU         13179         AGATCAGA GGCTAGCTACAACGA CACAGAGA         33561           7577         3453         UACCAACA G CCGCUGUC         13180         GACAGCGG GCTAGCTACAACGA TGTTGGTA         33562           7580         3450         CAACAGCC G CUGUCAGU         13181         ACTGACAG GGCTAGCTACAACGA GGCTGTTG         33563           7583         3447         CAGCCGCU G UCAGUUUG         13182         CAAACTGA GGCTAGCTACAACGA AGCGCTG         33564           7587         3443         CGCUGUCA G UUUGGUAG         13183         CTACCAAA GGCTACAACGA TGAACGA CAAACTGA         33565           7592         3438         UCAGUUG G UAGCGCAG         13184         CTGCGCTA GGCTACCAACGA CAAACTGA         33566           7597         3433         UUGGUAG C C		<del></del>	<u> </u>			
7530 3500 GCACGAGG G UCUUUUCA 13176 TGAAAAGA GGCTAGCTACAACGA CCTCGTGC 33558 7543 3487 UUCAUCAU G UCUCUGUG 13177 CACAGAGA GGCTAGCTACAACGA ATGATGAA 33559 7549 3481 AUGUCUCU G UGGUCUGA 13178 TCAGACCA GGCTAGCTACAACGA AGAGACAT 33560 7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACGA CACAGAGA 33561 7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA CAAACTGA 33567 7597 3433 UUGGUAGC G CAGUGGU 13186 CACCACTG GGCTAGCTACAACGA TACCAAAC 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTACCAACGA 33568				<del></del>		
7543 3487 UUCAUCAU G UCUCUGUG 13177 CACAGAGA GGCTAGCTACAACGA ATGATGAA 33559 7549 3481 AUGUCUCU G UGGUCUGA 13178 TCAGACCA GGCTAGCTACAACGA AGAGACAT 33560 7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACGA CACAGAGA 33561 7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569						
7549 3481 AUGUCUCU G UGGUCUGA 13178 TCAGACCA GGCTAGCTACAACGA AGAGACAT 33560 7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACGA CACAGAGA 33561 7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC			<del></del>			
7552 3478 UCUCUGUG G UCUGAUCU 13179 AGATCAGA GGCTAGCTACAACGA CACAGAGA 33561 7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569	7543	3487	UUCAUCAU G UCUCUGUG	13177		
7577 3453 UACCAACA G CCGCUGUC 13180 GACAGCGG GGCTAGCTACAACGA TGTTGGTA 33562 7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569	7549	3481	AUGUCUCU G UGGUCUGA	13178	TCAGACCA GGCTAGCTACAACGA AGAGACAT	33560
7580 3450 CAACAGCC G CUGUCAGU 13181 ACTGACAG GGCTAGCTACAACGA GGCTGTTG 33563 7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569	7552	3478	UCUCUGUG G UCUGAUCU	13179	AGATCAGA GGCTAGCTACAACGA CACAGAGA	33561
7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569	7577	3453	UACCAACA G CCGCUGUC	13180	GACAGCGG GGCTAGCTACAACGA TGTTGGTA	33562
7583 3447 CAGCCGCU G UCAGUUUG 13182 CAAACTGA GGCTAGCTACAACGA AGCGGCTG 33564 7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569	7580	3450	CAACAGCC G CUGUCAGU	13181	ACTGACAG GGCTAGCTACAACGA GGCTGTTG	33563
7587 3443 CGCUGUCA G UUUGGUAG 13183 CTACCAAA GGCTAGCTACAACGA TGACAGCG 33565 7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569						<del></del>
7592 3438 UCAGUUUG G UAGCGCAG 13184 CTGCGCTA GGCTAGCTACAACGA CAAACTGA 33566 7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569			<del></del>			
7595 3435 GUUUGGUA G CGCAGUGG 13185 CCACTGCG GGCTAGCTACAACGA TACCAAAC 33567 7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569			<del></del>	<del></del>		
7597 3433 UUGGUAGC G CAGUGGUG 13186 CACCACTG GGCTAGCTACAACGA GCTACCAA 33568 7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569					<del></del>	
7600 3430 GUAGCGCA G UGGUGGUA 13187 TACCACCA GGCTAGCTACAACGA TGCGCTAC 33569				<del></del>		
				+		
7603   3427   GCGCAGUG G UGGUAAGG   13188   CCTTACCA GGCTAGCTACAACGA CACTGCGC   33570				<del></del>	<del> </del>	<del></del>
	7603	3427	GCGCAGUG G UGGUAAGG	13188	CCTTACCA GGCTAGCTACAACGA CACTGCGC	33570

		·	·		
7606	3424	CAGUGGUG G UAAGGUGC	13189	GCACCTTA GGCTAGCTACAACGA CACCACTG	33571
7611	3419	GUGGUAAG G UGCAGCUC	13190	GAGCTGCA GGCTAGCTACAACGA CTTACCAC	33572
7613	3417	GGUAAGGU G CAGCUCCU	13191	AGGAGCTG GGCTAGCTACAACGA ACCTTACC	33573
7616	3414	AAGGUGCA G CUCCUGCA	13192	TGCAGGAG GGCTAGCTACAACGA TGCACCTT	33574
7622	3408	CAGCUCCU G CAGCACCA	13193	TGGTGCTG GGCTAGCTACAACGA AGGAGCTG	33575
7625	3405	CUCCUGCA G CACCAAUC	13194	GATTGGTG GGCTAGCTACAACGA TGCAGGAG	33576
7635	3395	ACCAAUCU G UUAUCAAC	13195	GTTGATAA GGCTAGCTACAACGA AGATTGGT	33577
7649	3381	AACUUUCC G CUCUCUGU	13196	ACAGAGAG GGCTAGCTACAACGA GGAAAGTT	33578
7656	3374	CGCUCUCU G UGGUGGUG	13197	CACCACCA GGCTAGCTACAACGA AGAGAGCG	33579
7659	3371	UCUCUGUG G UGGUGCGA	13198	TCGCACCA GGCTAGCTACAACGA CACAGAGA	33580
7662	3368	CUGUGGUG G UGCGAGUG	13199	CACTOGCA GGCTAGCTACAACGA CACCACAG	33581
7664	3366	GUGGUGGU G CGAGUGGC	13200	GCCACTCG GGCTAGCTACAACGA ACCACCAC	33582
7668	3362	UGGUGCGA G UGGCAGGU	13201	ACCTGCCA GGCTAGCTACAACGA TCGCACCA	33583
7671	3359	UGCGAGUG G CAGGUCCA	13202	TGGACCTG GGCTAGCTACAACGA CACTCGCA	33584
		AGUGGCAG G UCCACGGU	13203	ACCGTGGA GGCTAGCTACAACGA CTGCCACT	33585
7675	3355		13204	TGCGGACA GGCTAGCTACAACGA CGTGGACC	33586
7682	3348	GGUCCACG G UGUCCGCA			
7684	3346	UCCACGGU G UCCGCAGC	13205	GCTGCGGA GGCTAGCTACAACGA ACCGTGGA	33587
7688	3342	CGGUGUCC G CAGCUCUC	13206	GAGAGCTG GGCTAGCTACAACGA GGACACCG	33588
7691	3339	UGUCCGCA G CUCUCACU	13207	AGTGAGAG GGCTAGCTACAACGA TGCGGACA	33589
7704	3326	CACUCAGG G UGACCGUA	13208	TACGGTCA GGCTAGCTACAACGA CCTGAGTG	33590
7710	3320	GGGUGACC G UAGUUCCU	13209	AGGAACTA GGCTAGCTACAACGA GGTCACCC	33591
7713	3317	UGACCGUA G UUCCUGGG	13210	CCCAGGAA GGCTAGCTACAACGA TACGGTCA	33592
7721	3309	GUUCCUGG G CAGUAAUC	13211	GATTACTG GGCTAGCTACAACGA CCAGGAAC	33593
7724	3306	CCUGGGCA G UAAUCGAA	13212	TTCGATTA GGCTAGCTACAACGA TGCCCAGG	33594
7733	3297	UAAUCGAA G UCAAUCUC	13213	GAGATTGA GGCTAGCTACAACGA TTCGATTA	33595
7748	3282	UCUACCCG G CCUUCGUC	13214	GACGAAGG GGCTAGCTACAACGA CGGGTAGA	33596
7754	3276	CGGCCUUC G UCCCAUGG	13215	CCATGGGA GGCTAGCTACAACGA GAAGGCCG	33597
7763	3267	UCCCAUGG G CCCUGGUU	13216	AACCAGGG GGCTAGCTACAACGA CCATGGGA	33598
7769	3261	GGGCCCUG G UUUUGUGU	13217	ACACAAAA GGCTAGCTACAACGA CAGGGCCC	33599
7774	3256	CUGGUUUU G UGUCUUGU	13218	ACAAGACA GGCTAGCTACAACGA AAAACCAG	33600
7776	3254	GGUUUUGU G UCUUGUAC	13219	GTACAAGA GGCTAGCTACAACGA ACAAAACC	33601
7781	3249	UGUGUCUU G UACCCAGG	13220	CCTGGGTA GGCTAGCTACAACGA AAGACACA	33602
7789	3241	GUACCCAG G UCUCCGAU	13221	ATCGGAGA GGCTAGCTACAACGA CTGGGTAC	33603
7799	3231	CUCCGAUU G UGAUUGCU	13222	AGCAATCA GGCTAGCTACAACGA AATCGGAG	33604
7805	3225	UUGUGAUU G CUUCGUGG	13223	CCACGAAG GGCTAGCTACAACGA AATCACAA	33605
7810	3220	AUUGCUUC G UGGUCCCG	13224	CGGGACCA GGCTAGCTACAACGA GAAGCAAT	33606
7813	3217	GCUUCGUG G UCCCGCCA	13225	TGGCGGGA GGCTAGCTACAACGA CACGAAGC	33607
7818	3212	GUGGUCCC G CCAGUGUG	13226	CACACTGG GGCTAGCTACAACGA GGGACCAC	33608
		UCCGCCA G UGUGACUG	13227	CAGTCACA GGCTAGCTACAACGA TGGCGGGA	33609
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7824	3206	<del></del>	13228		
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7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGTGA GGCTAGCTACAACGA TTGATAAT	33612
7862	3168	AUUCCAUC G CCCCACAA	13231		33613
7872	3158	CCCACAAG G UAUGCGUC	13232	<u> </u>	33614
7876	3154	CAAGGUAU G CGUCUCAG	13233		33615
7878	3152	AGGUAUGC G UCUCAGGC	13234		33616
7885	3145	CGUCUCAG G CCACGUAC	13235		33617
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7917	3113	CCAGAACU G CCCUUUCA	13237		33619
7927	3103	CCUUUCAA G CUUCCACG	13238	CGTGGAAG GGCTAGCTACAACGA TTGAAAGG	33620
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAATGATA GGCTAGCTACAACGA GTGGAAGC	33621
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GGCTAGCTACAACGA TCAATGAT	33622
7949	3081	UUGAGCCU G CUUUCAAU	13241	ATTGAAAG GGCTAGCTACAACGA AGGCTCAA	33623
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGTGA GGCTAGCTACAACGA CTGTCCTA	33624
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGATCCA GGCTAGCTACAACGA AGTGACCT	33625
7983	3047	UGUGGAUC G CCAAGUUG	13244		33626
7988	3042	AUCGCCAA G UUGUUCUU	13245		33627
7991	3039	GCCAAGUU G UUCUUGAC	13246	<u> </u>	33628
8001	3029	UCUUGACA G CCGUUCCA	13247		33629
8004	3026	UGACAGCC G UUCCAAUG	13248	<del></del>	33630
8021	3009	AUCUUCGA G UCACAUUC	13249		33631
8031	2999	CACAUUCA G UUGUGUUG	13250	4	33632
8034	2996	AUUCAGUU G UGUUGCUC			
0034	2330	I MOGRADO & DADORCOC	13251	GAGCAACA GGCTAGCTACAACGA AACTGAAT	33633

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8036	2994	UCAGUUGU G UUGCUCUC	13252	GAGAGCAA GGCTAGCTACAACGA ACAACTGA	33634
8039	2991	GUUGUGUU G CUCUCUCU	13253	AGAGAGAG GGCTAGCTACAACGA AACACAAC	33635
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GGCTAGCTACAACGA TCGGATGT	33636
8069	2961	AUCCGAGU G CUGGUGAG	13255	CTCACCAG GGCTAGCTACAACGA ACTCGGAT	33637
8073	2957	GAGUGCUG G UGAGACCA	13256	TGGTCTCA GGCTAGCTACAACGA CAGCACTC	33638
8105	2925	ACUUCUAA G CUAUUCCA	13257	TGGAATAG GGCTAGCTACAACGA TTAGAAGT	33639
8115	2915	UAUUCCAA G CGCGAUUC	13258	GAATCGCG GGCTAGCTACAACGA TTGGAATA	33640
8117	2913	UUCCAAGC G CGAUUCUG	13259	CAGAATCG GGCTAGCTACAACGA GCTTGGAA	33641
8127	2903	GAUUCUGA G UCGGACAU	13260	ATGTCCGA GGCTAGCTACAACGA TCAGAATC	33642
		AUUCCUUG G UCUCCGGA	13261	TCCGGAGA GGCTAGCTACAACGA CAAGGAAT	33643
8142	2888			<del></del>	
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GGCTAGCTACAACGA CTTTGTGG	33644
8168	2862	ACAAAGGU G UUGUUGGC	13263	GCCAACAA GGCTAGCTACAACGA ACCTTTGT	33645
8171	2859	AAGGUGUU G UUGGCGAG	13264	CTCGCCAA GGCTAGCTACAACGA AACACCTT	33646
8175	2855	UGUUGUUG G CGAGUUCU	13265	AGAACTCG GGCTAGCTACAACGA CAACAACA	33647
8179	2851	GUUGGCGA G UUCUGGUG	13266	CACCAGAA GGCTAGCTACAACGA TCGCCAAC	33648
8185	2845	GAGUUCUG G UGCAAAUA	13267	TATTTGCA GGCTAGCTACAACGA CAGAACTC	33649
8187	2843	GUUCUGGU G CAAAUAAA	13268	TTTATTTG GGCTAGCTACAACGA ACCAGAAC	33650
8211	2819	UUCCCCAG G CCUUCCAG	13269	CTGGAAGG GGCTAGCTACAACGA CTGGGGAA	33651
8219	2811	GCCUUCCA G CCAAUUUC	13270	GAAATTGG GGCTAGCTACAACGA TGGAAGGC	33652
8238	2792	AUUUUUCC G UGGUGGCG	13271	CGCCACCA GGCTAGCTACAACGA GGAAAAAT	33653
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GGCTAGCTACAACGA CACGGAAA	33654
8244	2786	CCGUGGUG G CGGUGAGG	13273	CCTCACCG GGCTAGCTACAACGA CACCACGG	33655
8247	2783	UGGUGGCG G UGAGGCGU	13274	ACGCCTCA GGCTAGCTACAACGA CGCCACCA	33656
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCTAAACG GGCTAGCTACAACGA CTCACCGC	33657
8254	2776	GGUGAGGC G UUUAGGUG	13276	CACCTAAA GGCTAGCTACAACGA GCCTCACC	33658
		GCGUUUAG G UGCUGACU		AGTCAGCA GGCTAGCTACAACGA CTAAACGC	
8260	2770	GUUUAGGU G CUGACUUG	13277		33659
8262	2768		13278	CAAGTCAG GGCTAGCTACAACGA ACCTAAAC	33660
8270	2760	GCUGACUU G UACAUUCC	13279	GGAATGTA GGCTAGCTACAACGA AAGTCAGC	33661
8284	2746	UCCCUCCU G UUUCUCAA	13280	TTGAGAAA GGCTAGCTACAACGA AGGAGGGA	33662
8306	2724	ACACUAAG G UCCACACC	13281	GGTGTGGA GGCTAGCTACAACGA CTTAGTGT	33663
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCTGAACA GGCTAGCTACAACGA TCTTTTGA	33664
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCTGAA GGCTAGCTACAACGA ACTCTTTT	33665
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GGCTAGCTACAACGA TGAACACT	33666
8342	2688	UUCAGCUC G UCCUUCAC	13285	GTGAAGGA GGCTAGCTACAACGA GAGCTGAA	33667
8352	2678	CCUUCACU G CUUCCCAC	13286	GTGGGAAG GGCTAGCTACAACGA AGTGAAGG	33668
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACTGGAG GGCTAGCTACAACGA ATCAAATG	33669
8374	2656	AUGCUCCA G UCUGGAAA	13288	TTTCCAGA GGCTAGCTACAACGA TGGAGCAT	33670
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGTCTA GGCTAGCTACAACGA GATCAGTT	33671
8396	2634	CGUAGACC G CACACUCC	13290	GGAGTGTG GGCTAGCTACAACGA GGTCTACG	33672
8415	2615	CCUUAUGA G CUUUCUGA	13291	TCAGAAAG GGCTAGCTACAACGA TCATAAGG	33673
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCTAG GGCTAGCTACAACGA CAAGATCA	33674
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GGCTAGCTACAACGA CTAGCCAA	33675
8443	2587	UAGGCCUU G UGGCGUUU	13294		33676
8446	2584	GCCUUGUG G CGUUUCAG	13295	<del></del>	33677
8448	2582	CUUGUGGC G UUUCAGGG	13296		33678
8456	2574	GUUUCAGG G UAAUACUU	13297		33678
		UAAUACUU G UACCGGUC	13297		
8465	2565			GACCGGTA GGCTAGCTACAACGA AAGTATTA	33680
8471	2559	UUGUACCG G UCCAUCCA	13299		33681
8481	2549	CCAUCCAA G CCUCCACA	13300	TGTGGAGG GGCTAGCTACAACGA TTGGATGG	33682
8495	2535	ACAUCAUU G UGUAUGAA	13301		33683
8497	2533	AUCAUUGU G UAUGAACA	13302		33684
8524	2506	ACAUCUCA G CUCUUGCC	13303		33685
8530	2500	CAGCUCUU G CCGGCUGA	13304	TCAGCCGG GGCTAGCTACAACGA AAGAGCTG	33686
8534	2496	UCUUGCCG G CUGAUGUC	13305	GACATCAG GGCTAGCTACAACGA CGGCAAGA	33687
8540	2490	CGGCUGAU G UCUAUGGC	13306	GCCATAGA GGCTAGCTACAACGA ATCAGCCG	33688
8547	2483	UGUCUAUG G CACACCCA	13307	TGGGTGTG GGCTAGCTACAACGA CATAGACA	33689
8556	2474	CACACCCA G UGUCAGCG	13308	CGCTGACA GGCTAGCTACAACGA TGGGTGTG	33690
8558	2472	CACCCAGU G UCAGCGUG	13309		33691
8562	2468	CAGUGUCA G CGUGCACG	13310	<del></del>	33692
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGTGCA GGCTAGCTACAACGA GCTGACAC	33693
8566	2464	GUCAGCGU G CACGUUCA	13312		33694
8570	2460	GCGUGCAC G UUCACGGA	13313	TCCGTGAA GGCTAGCTACAACGA GTGCACGC	33695
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGTTCTG GGCTAGCTACAACGA TCTTCCTC	
			12374	GROTICIO GOCINGCINCANCON ICIICCIC	33696

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8604	2426	CUCCAACU G CGAGAAAC	13315	GTTTCTCG GGCTAGCTACAACGA AGTTGGAG	33697
8613	2417	CGAGAAAC G UGAGAGCU	13316	AGCTCTCA GGCTAGCTACAACGA GTTTCTCG	33698
8619	2411	ACGUGAGA G CUAUGGAC	13317	GTCCATAG GGCTAGCTACAACGA TCTCACGT	33699
8637	2393	UAUCACGA G CAUUGAUG	13318	CATCAATG GGCTAGCTACAACGA TCGTGATA	33700
8645	2385	GCAUUGAU G CCCAUCCA	13319	TGGATGGG GGCTAGCTACAACGA ATCAATGC	33701
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCTGGGGG GGCTAGCTACAACGA TCTCCTGT	33702
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGATTG GGCTAGCTACAACGA TGGGGGCT	33703
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGATAACG GGCTAGCTACAACGA AAGGATTG	33704
8682	2348	AUCCUUGC G UUAUCCAG	13323	CTGGATAA GGCTAGCTACAACGA GCAAGGAT	33705
8696	2334	CAGGACAU G CCUCCGAA	13324	TTCGGAGG GGCTAGCTACAACGA ATGTCCTG	33705
8707	2323	UCCGAACA G UGAGCGGA	13325	TCCGCTCA GGCTAGCTACAACGA TGTTCGGA	33707
8711	2319	AACAGUGA G CGGAAUGC	13326	GCATTCCG GGCTAGCTACAACGA TCACTGTT	33708
8718	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GGCTAGCTACAACGA ATTCCGCT	33709
8742	2288	GAUGGACA G CCUUCCCA	13328	TGGGAAGG GGCTAGCTACAACGA TGTCCATC	33710
8757	2273	CAACUGAG G UGAACACC	13329	GGTGTTCA GGCTAGCTACAACGA CTCAGTTG	33711
8783	2247	GAUCCAAA G UCCCAAGC	13330	GCTTGGGA GGCTAGCTACAACGA TTTGGATC	33712
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGCTAGCTACAACGA TTGGGACT	33713
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GGCTAGCTACAACGA AGCTTGGG	33714
8795	2235	CAAGCUGU G UCUCCUAG	13333	CTAGGAGA GGCTAGCTACAACGA ACAGCTTG	33715
8805	2225	CUCCUAGA G CGGCUAGU	13334	ACTAGCCG GGCTAGCTACAACGA TCTAGGAG	33716
8808	2222	CUAGAGCG G CUAGUCUC	13335	GAGACTAG GGCTAGCTACAACGA CGCTCTAG	33717
8812	2218	AGCGGCUA G UCUCUGCG	13336	CGCAGAGA GGCTAGCTACAACGA TAGCCGCT	33718
8818	2212	UAGUCUCU G CGCUCCUU	13337	AAGGAGCG GGCTAGCTACAACGA AGAGACTA	33719
8820	2210	GUCUCUGC & CUCCUUUG	13338	CAAAGGAG GGCTAGCTACAACGA GCAGAGAC	33720
8832	2198	CUUUGAGG G UGGUUGUA	13339	TACAACCA GGCTAGCTACAACGA CCTCAAAG	33721
8835	2195	UGAGGGUG G UUGUAAAG	<del>                                     </del>		
8838	2193		13340	CTTTACAA GGCTAGCTACAACGA CACCCTCA	33722
		GGGUGGUU G UAAAGGCU	13341	AGCCTTTA GGCTAGCTACAACGA AACCACCC	33723
8844	2186	UUGUAAAG G CUUUGCCA	13342	TGGCAAAG GGCTAGCTACAACGA CTTTACAA	33724
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCATTGG GGCTAGCTACAACGA AAAGCCTT	33725
8855	2175	UUGCCAAU G CUGCUUCC	13344	GGAAGCAG GGCTAGCTACAACGA ATTGGCAA	33726
8858	2172	CCAAUGCU G CUUCCAGA	13345	TCTGGAAG GGCTAGCTACAACGA AGCATTGG	33727
8870	2160	CCAGACUU G UGCCAAUG	13346	CATTGGCA GGCTAGCTACAACGA AAGTCTGG	33728
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCATTGG GGCTAGCTACAACGA ACAAGTCT	33729
8879	2151	UGCCAAUG G UGAUUGAU	13348	ATCAATCA GGCTAGCTACAACGA CATTGGCA	33730
8890	2140	AUUGAUCU G UUGUUCUC	13349	GAGAACAA GGCTAGCTACAACGA AGATCAAT	33731
8893	2137	GAUCUGUU G UUCUCCUC	13350	GAGGAGAA GGCTAGCTACAACGA AACAGATC	33732
8903	2127	UCUCCUCU G CCCACCAC	13351	GTGGTGGG GGCTAGCTACAACGA AGAGGAGA	33733
8915	2115	ACCACUAU G UAUGAGUC	13352	GACTCATA GGCTAGCTACAACGA ATAGTGGT	33734
8921	2109	AUGUAUGA G UCUCCAAA	13353	TTTGGAGA GGCTAGCTACAACGA TCATACAT	33735
8932	2098	UCCAAAGG G UGGUUCCA	13354	TGGAACCA GGCTAGCTACAACGA CCTTTGGA	33736
8935	2095	AAAGGGUG G UUCCAAUU	13355	AATTGGAA GGCTAGCTACAACGA CACCCTTT	33737
8958	2072	GGACCUUA G CGUUGGCC	13356	GGCCAACG GGCTAGCTACAACGA TAAGGTCC	33738
8960	2070	ACCUUAGC G UUGGCCGU	13357	ACGGCCAA GGCTAGCTACAACGA GCTAAGGT	33739
8964	2066	UAGCGUUG G CCGUGGCC	13358	GGCCACGG GGCTAGCTACAACGA CAACGCTA	33740
8967	2063	CGUUGGCC G UGGCCACU	13359	AGTGGCCA GGCTAGCTACAACGA GGCCAACG	33741
8970	2060	UGGCCGUG G CCACUGAA	13360	TTCAGTGG GGCTAGCTACAACGA CACGGCCA	33742
8987	2043	ACAAAAGG G UUGACAGU	13361	ACTGTCAA GGCTAGCTACAACGA CCTTTTGT	33743
8994	2036	GGUUGACA G UGACCAAU	13362	ATTGGTCA GGCTAGCTACAACGA TGTCAACC	33744
9005	2025	ACCAAUCU G CCCACUGG	13362	CCAGTGGG GGCTAGCTACAACGA AGATTGGT	
9013	2023	GCCCACUG G CGUUAGGU			33745
			13364	ACCTAACG GGCTAGCTACAACGA CAGTGGGC	33746
9015	2015	CCACUGGC G UUAGGUCG	13365	CGACCTAA GGCTAGCTACAACGA GCCAGTGG	33747
9020	2010	GGCGUUAG G UCGUUCAA	13366	TTGAACGA GGCTAGCTACAACGA CTAACGCC	33748
9023	2007	GUUAGGUC G UUCAAUGA	13367	TCATTGAA GGCTAGCTACAACGA GACCTAAC	33749
9033	1997	UCAAUGAA G CCACUGAC	13368	GTCAGTGG GGCTAGCTACAACGA TTCATTGA	33750
9056	1974	GGAACUUU G CAAGGUCC	13369	GGACCTTG GGCTAGCTACAACGA AAAGTTCC	33751
9061	1969	UUUGCAAG G UCCAUCCG	13370	CGGATGGA GGCTAGCTACAACGA CTTGCAAA	33752
9069	1961	GUCCAUCC G UGCCAGUG	13371	CACTGGCA GGCTAGCTACAACGA GGATGGAC	33753
9071	1959	CCAUCCGU G CCAGUGUA	13372	TACACTGG GGCTAGCTACAACGA ACGGATGG	33754
9075	1955	CCGUGCCA G UGUACUGC	13373	GCAGTACA GGCTAGCTACAACGA TGGCACGG	33755
9077	1953	GUGCCAGU G UACUGCAA	13374	TTGCAGTA GGCTAGCTACAACGA ACTGGCAC	33756
9082	1948	AGUGUACU G CAAUUCCA	13375	TGGAATTG GGCTAGCTACAACGA AGTACACT	33757
9099	1931	ACACCACA G UGCCGUGA	13376	TCACGGCA GGCTAGCTACAACGA TGTGGTGT	33758
9101	1929	ACCACAGU G CCGUGACC	13377	GGTCACGG GGCTAGCTACAACGA ACTGTGGT	33759
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9104	1926	ACAGUGCC G UGACCUGU	13378	ACAGGTCA GGCTAGCTACAACGA GGCACTGT	33760
9111	1919	CGUGACCU G UGUCUGCG	13379	CGCAGACA GGCTAGCTACAACGA AGGTCACG	33761
9113	1917	UGACCUGU G UCUGCGGG	13380	CCCGCAGA GGCTAGCTACAACGA ACAGGTCA	33762
9117	1913	CUGUGUCU G CGGGAGUC	13381	GACTCCCG GGCTAGCTACAACGA AGACACAG	33763
9123	1907	CUGCGGGA G UCCCAAGA	13382	TCTTGGGA GGCTAGCTACAACGA TCCCGCAG	33764
9141	1889	ACUUGAAA G CCUUUGAA	13383	TTCAAAGG GGCTAGCTACAACGA TTTCAAGT	33765
9155	1875	GAACAGAC G CCAUAGGU	13384	ACCTATGG GGCTAGCTACAACGA GTCTGTTC	33766
9162	1868	CGCCAUAG G UUGUUCCC	13385	GGGAACAA GGCTAGCTACAACGA CTATGGCG	33767
9165	1865	CAUAGGUU G UUCCCUUC	13386	GAAGGGAA GGCTAGCTACAACGA AACCTATG	33768
9178	1852	CUUCAACU G CAAUUUUU	13387	AAAAATTG GGCTAGCTACAACGA AGCTGAAG	
	<del>                                     </del>	GACCGAC G UCAACUUG			33769
9219	1811		13388	CAAGTTGA GGCTAGCTACAACGA GTCGGGTC	33770
9231	1799	ACUUGACA G UGUUGCUU	13389	AAGCAACA GGCTAGCTACAACGA TGTCAAGT	33771
9233	1797	UUGACAGU G UUGCUUGA	13390	TCAAGCAA GGCTAGCTACAACGA ACTGTCAA	33772
9236	1794	ACAGUGUU G CUUGAAAA	13391	TTTTCAAG GGCTAGCTACAACGA AACACTGT	33773
9258	1772	CAGGAAUG G CUCCAGCC	13392	GGCTGGAG GGCTAGCTACAACGA CATTCCTG	33774
9264	1766	UGGCUCCA G CCAAAGCU	13393	AGCTTTGG GGCTAGCTACAACGA TGGAGCCA	33775
9270	1760	CAGCCAAA G CUUGAUGC	13394	GCATCAAG GGCTAGCTACAACGA TTTGGCTG	33776
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCTCTG GGCTAGCTACAACGA ATCAAGCT	33777
9282	1748	GAUGCAGA G CUCCCUCU	13396	AGAGGGAG GGCTAGCTACAACGA TCTGCATC	33778
9292	1738	UCCCUCUU G UGAGCCCA	13397	TGGGCTCA GGCTAGCTACAACGA AAGAGGGA	33779
9296	1734	UCUUGUGA G CCCAAUGC	13398	GCATTGGG GGCTAGCTACAACGA TCACAAGA	33780
9303	1727	AGCCCAAU G CUAUCACA	13399	TGTGATAG GGCTAGCTACAACGA ATTGGGCT	33781
9316	1714	CACAGACU G CUUCGUGG			<del></del>
			13400	CCACGAAG GGCTAGCTACAACGA AGTCTGTG	33782
9321	1709	ACUGCUUC G UGGCGUGU	13401	ACACGCCA GGCTAGCTACAACGA GAAGCAGT	33783
9324	1706	GCUUCGUG G CGUGUGGU	13402	ACCACACG GGCTAGCTACAACGA CACGAAGC	33784
9326	1704	UUCGUGGC G UGUGGUUC	13403	GAACCACA GGCTAGCTACAACGA GCCACGAA	33785
9328	1702	CGUGGCGU G UGGUUCCU	13404	AGGAACCA GGCTAGCTACAACGA ACGCCACG	33786
9331	1699	GGCGUGUG G UUCCUCAA	13405	TTGAGGAA GGCTAGCTACAACGA CACACGCC	33787
9351	1679	CCAUUAAC G UCUCUCUG	13406	CAGAGAGA GGCTAGCTACAACGA GTTAATGG	33788
9359	1671	GUCUCUCU G UUCCUCCA	13407	TGGAGGAA GGCTAGCTACAACGA AGAGAGAC	33789
9372	1658	UCCACACA G UACUUCCA	13408	TGGAAGTA GGCTAGCTACAACGA TGTGTGGA	33790
9381	1649	UACUUCCA G CACUGCUC	13409	GAGCAGTG GGCTAGCTACAACGA TGGAAGTA	33791
9386	1644	CCAGCACU G CUCCAAGG	13410	CCTTGGAG GGCTAGCTACAACGA AGTGCTGG	33792
9398	1632	CAAGGGAG G UUGAGGUC	13411	GACCTCAA GGCTAGCTACAACGA CTCCCTTG	33793
9404	1626	AGGUUGAG G UCCAUGAA	13412	TTCATGGA GGCTAGCTACAACGA CTCAACCT	33794
9435	1595	CCAAGAAC G UCUUUGUU	13413	AACAAAGA GGCTAGCTACAACGA GTTCTTGG	33795
9441	1589	ACGUCUUU G UUCCAACA	13414	TGTTGGAA GGCTAGCTACAACGA AAAGACGT	
9450	1580	UUCCAACA G UCAUCACG	13415	CGTGATGA GGCTAGCTACAACGA TGTTGGAA	33796
9458	1572				33797
		GUCAUCAC G UAGUAUGC	13416	GCATACTA GGCTAGCTACAACGA GTGATGAC	33798
9461	1569	AUCACGUA G UAUGCAUU	13417	AATGCATA GGCTAGCTACAACGA TACGTGAT	33799
9465	1565	CGUAGUAU G CAUUGGUG	13418	CACCAATG GGCTAGCTACAACGA ATACTACG	33800
9471	1559	AUGCAUUG G UGUCAAUC	13419		33801
9473	1557	GCAUUGGU G UCAAUCCC	13420	GGGATTGA GGCTAGCTACAACGA ACCAATGC	33802
9487	1543	CCCUGACC G UGGUUCAC	13421	GTGAACCA GGCTAGCTACAACGA GGTCAGGG	33803
9490	1540	UGACCGUG G UUCACAGU	13422	ACTGTGAA GGCTAGCTACAACGA CACGGTCA	33804
9497	1533	GGUUCACA G UCCACUGU	13423	ACAGTGGA GGCTAGCTACAACGA TGTGAACC	33805
9504	1526	AGUCCACU G UCACCUCU	13424	AGAGGTGA GGCTAGCTACAACGA AGTGGACT	33806
9526	1504	UUCUCCAA G CUUUAGUG	13425	CACTAAAG GGCTAGCTACAACGA TTGGAGAA	33807
9532	1498	AAGCUUUA G UGUGUAUG	13426	CATACACA GGCTAGCTACAACGA TAAAGCTT	33807
9534	1496	GCUUUAGU G UGUAUGAA	13427	TTCATACA GGCTAGCTACAACGA ACTAAAGC	
9536	1494	UUUAGUGU G UAUGAAGG	13427		33809
9544	1486	GUAUGAAG G CGCCGCAG		CCTTCATA GGCTAGCTACAACGA ACACTAAA	33810
			13429	CTGCGGCG GGCTAGCTACAACGA CTTCATAC	33811
9546	1484	AUGAAGGC G CCGCAGGA	13430	TCCTGCGG GGCTAGCTACAACGA GCCTTCAT	33812
9549	1481	AAGGCGCC G CAGGAGUG	13431	CACTCCTG GGCTAGCTACAACGA GGCGCCTT	33813
9555	1475	CCGCAGGA G UGAUGCUG	13432	CAGCATCA GGCTAGCTACAACGA TCCTGCGG	33814
9560	1470	GGAGUGAU G CUGAAUCU	13433	AGATTCAG GGCTAGCTACAACGA ATCACTCC	33815
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACTCAGG GGCTAGCTACAACGA AGGGAGAT	33816
9579	1451	CUGCCUGA G UGGCUCCA	13435	TGGAGCCA GGCTAGCTACAACGA TCAGGCAG	33817
9582	1448	CCUGAGUG G CUCCAACC	13436	GGTTGGAG GGCTAGCTACAACGA CACTCAGG	33818
9592	1438	UCCAACCU G UGUGGAGU	13437	ACTCCACA GGCTAGCTACAACGA AGGTTGGA	33819
9594	1436	CAACCUGU G UGGAGUAG	13438	CTACTCCA GGCTAGCTACAACGA ACAGGTTG	33820
9599	1431	UGUGUGGA G UAGUUUCC	13439	GGAAACTA GGCTAGCTACAACGA TCCACACA	33821
9602	1428	GUGGAGUA G UUUCCGUG	13440	CACGGAAA GGCTAGCTACAACGA TACTCCAC	33822
				TOTAL TOTAL TOTAL TREE COME	22022

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9608	1422	UAGUUUCC G UGCGACUC	13441	GAGTCGCA GGCTAGCTACAACGA GGAAACTA	33823
9610	1420	GUUUCCGU G CGACUCCA	13442	TGGAGTCG GGCTAGCTACAACGA ACGGAAAC	33824
9621	1409	ACUCCACA G UAGUUGGU	13443	ACCAACTA GGCTAGCTACAACGA TGTGGAGT	33825
9624	1406	CCACAGUA G UUGGUCCA	13444	TGGACCAA GGCTAGCTACAACGA TACTGTGG	33826
9628	1402	AGUAGUUG G UCCAUGGA	13445	TCCATGGA GGCTAGCTACAACGA CAACTACT	33827
9645	1385	CAAAAAUG G CCACUUCG	13446	CGAAGTGG GGCTAGCTACAACGA CATTTTTG	33828
9653	1377	GCCACUUC G UACUUGAU	13447	ATCAAGTA GGCTAGCTACAACGA GAAGTGGC	33829
	1352	UCAAGAUG G UUCUUCCU	13448	AGGAAGAA GGCTAGCTACAACGA CATCTTGA	33830
9678		UUCCUAUU G CCUUGGUA	13449	TACCAAGG GGCTAGCTACAACGA AATAGGAA	33831
9690	1340		13450	CTGCTCTA GGCTAGCTACAACGA CAAGGCAA	33832
9696	1334	UUGCCUUG G UAGAGCAG			33833
9701	1329	UUGGUAGA G CAGGCAAA	13451	TTTGCCTG GGCTAGCTACAACGA TCTACCAA	
9705	1325	UAGAGCAG G CAAAUUUG	13452	CAAATTTG GGCTAGCTACAACGA CTGCTCTA	33834
9714	1316	CAAAUUUG G CGCAUGUG	13453	CACATGCG GGCTAGCTACAACGA CAAATTTG	33835
9716	1314	AAUUUGGC G CAUGUGUC	13454	GACACATG GGCTAGCTACAACGA GCCAAATT	33836
9720	1310	UGGCGCAU G UGUCAAUG	13455	CATTGACA GGCTAGCTACAACGA ATGCGCCA	33837
9722	1308	GCGCAUGU G UCAAUGCU	13456	AGCATTGA GGCTAGCTACAACGA ACATGCGC	33838
9728	1302	GUGUCAAU G CUUCCUUU	13457	AAAGGAAG GGCTAGCTACAACGA ATTGACAC	33839
9737	1293	CUUCCUUU G CCAAAUAA	13458	TTATTTGG GGCTAGCTACAACGA AAAGGAAG	33840
9749	1281	AAUAAUCC G CAGCCGUU	13459	AACGGCTG GGCTAGCTACAACGA GGATTATT	33841
9752	1278	AAUCCGCA G CCGUUGCC	13460	GGCAACGG GGCTAGCTACAACGA TGCGGATT	33842
9755	1275	CCGCAGCC G UUGCCCCA	13461	TGGGGCAA GGCTAGCTACAACGA GGCTGCGG	33843
9758	1272	CAGCCGUU G CCCCAGCC	13462	GGCTGGGG GGCTAGCTACAACGA AACGGCTG	33844
-		UUGCCCCA G CCCCUGUC	13463	GACAGGGG GGCTAGCTACAACGA TGGGGCAA	33845
9764	1266	CAGCCCCA G CCCCGGCC	13464	GTGGTGGA GGCTAGCTACAACGA AGGGGCTG	33846
9770	1260			TGTGCAGA GGCTAGCTACAACGA AAGGAGTG	33847
9784	1246	CACUCCUU G UCUGCACA	13465		
9788	1242	CCUUGUCU G CACACAAA	13466	TTTGTGTG GGCTAGCTACAACGA AGACAAGG	33848
9798	1232	ACACAAAA G CUGGGUCA	13467	TGACCCAG GGCTAGCTACAACGA TTTTGTGT	33849
9803	1227	AAAGCUGG G UCAGCACG	13468	CGTGCTGA GGCTAGCTACAACGA CCAGCTTT	33850
9807	1223	CUGGGUCA G CACGUUUG	13469	CAAACGTG GGCTAGCTACAACGA TGACCCAG	33851
9811	1219	GUCAGCAC G UUUGUCAU	13470	ATGACAAA GGCTAGCTACAACGA GTGCTGAC	33852
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAATGA GGCTAGCTACAACGA AAACGTGC	33853
9821	1209	UUGUCAUU G UGAGCUUC	13472	GAAGCTCA GGCTAGCTACAACGA AATGACAA	33854
9825	1205	CAUUGUGA G CUUCUCCC	13473	GGGAGAAG GGCTAGCTACAACGA TCACAATG	33855
9837	1193	CUCCCAUG G UCGGGCAC	13474	GTGCCCGA GGCTAGCTACAACGA CATGGGAG	33856
9842	1188	AUGGUCGG G CACGCAGC	13475	GCTGCGTG GGCTAGCTACAACGA CCGACCAT	33857
9846	1184	UCGGGCAC G CAGCUUUG	13476	CAAAGCTG GGCTAGCTACAACGA GTGCCCGA	33858
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GGCTAGCTACAACGA TGCGTGCC	33859
9855	1175	CAGCUUUG G UGGAGAGA	13478	TCTCTCCA GGCTAGCTACAACGA CAAAGCTG	33860
9866	1164	GAGAGAUC G CUGACGGU	13479	ACCGTCAG GGCTAGCTACAACGA GATCTCTC	33861
9873	1157	CGCUGACG G UAGCCAAA	13480	TTTGGCTA GGCTAGCTACAACGA CGTCAGCG	33862
9876	1154	UGACGGUA G CCAAAUAG	13481	CTATTTGG GGCTAGCTACAACGA TACCGTCA	33863
9884	1146	GCCAAAUA G CAAUAACU	13482		33864
		CAAUAACU G CGGACCUC	13483		33865
9893	1137	ļ	<del> </del>		33866
9903	1127	GGACCUCU G CCAGGUUG	13484		+
9908	1122	UCUGCCAG G UUGACCGC	13485		33867
9915	1115	GGUUGACC G CCUCCAUA	13486		33868
9945	1085	CAUCGAUG G UAGGCUUG	13487		33869
9949	1081	GAUGGUAG G CUUGUCCU	13488		33870
9953	1077	GUAGGCUU G UCCUUAGA	13489		33871
9969	1061	ACAUGAUA G UCACGCAG	13490		33872
9974	1056	AUAGUCAC G CAGCUGUC	13491	GACAGCTG GGCTAGCTACAACGA GTGACTAT	33873
9977	1053	GUCACGCA G CUGUCGCC	13492	GGCGACAG GGCTAGCTACAACGA TGCGTGAC	33874
9980	1050	ACGCAGCU G UCGCCUUC	13493	GAAGGCGA GGCTAGCTACAACGA AGCTGCGT	33875
9983	1047	CAGCUGUC G CCUUCGAG	13494	CTCGAAGG GGCTAGCTACAACGA GACAGCTG	33876
10008	1022	CCACCCAU G UUGCUCCA	13495	TGGAGCAA GGCTAGCTACAACGA ATGGGTGG	33877
10011	1019	CCCAUGUU G CUCCAGAC	13496		33878
10034	996	UCCAAGAA G UCUCUGUU	13497		33879
10040	990	AAGUCUCU G UUGCUCAU	13498		33880
10043	987	UCUCUGUU G CUCAUUCC	13499		33881
10055	975	AUUCCAAG G CAGUUGAA	13500		33882
10058	972	CCAAGGCA G UUGAAGCU	13501		33883
10064	966	CAGUUGAA G CUGUAAGC	13502		33884
		UUGAAGCU G UAAGCUGG			
10067	963	JUGANGCU G UAAGCUGG	13503	CCAGCTTA GGCTAGCTACAACGA AGCTTCAA	33885

WU	) 02/06863/		Table A	PC1/USU1/48330	
10071	959	AGCUGUAA G CUGGGGCC	13504	GGCCCCAG GGCTAGCTACAACGA TTACAGCT	33886
10077	953	AAGCUGGG G CCACCAAA	13505	TTTGGTGG GGCTAGCTACAACGA CCCAGCTT	33887
10087	943	CACCAAAA G CAAUAGCA	13506	TGCTATTG GGCTAGCTACAACGA TTTTGGTG	33888
10093	937	AAGCAAUA G CACGACAA	13507	TTGTCGTG GGCTAGCTACAACGA TATTGCTT	33889
10114	916	AACUCUCU G CAUGGUGU	13508	ACACCATG GGCTAGCTACAACGA AGAGAGTT	33890
10119	911	UCUGCAUG G UGUUGCUC	13509	GAGCAACA GGCTAGCTACAACGA CATGCAGA	33891
10121	909	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GGCTAGCTACAACGA ACCATGCA	33892
10124	906	AUGGUGUU G CUCCCAAG	13511	CTTGGGAG GGCTAGCTACAACGA AACACCAT	33893
10132	898	GCUCCCAA G CAUCCAAC	13512	GTTGGATG GGCTAGCTACAACGA TTGGGAGC	33894
10149	881	CAAUGACG G CUGCCACC	13513	GGTGGCAG GGCTAGCTACAACGA CGTCATTG	33895
10152	878	UGACGGCU G CCACCAGG	13514	CCTGGTGG GGCTAGCTACAACGA AGCCGTCA	33896
10152	869	CCACCAGG G CAUAUCCA	13515	TGGATATG GGCTAGCTACAACGA CCTGGTGG	33897
			13515	TTGAGGAA GGCTAGCTACAACGA CCTGGATA	
10172	858	UAUCCAGG G UUCCUCAA			33898
10194	836	AUGAUUCU G UUUUUACC	13517	GGTAAAAA GGCTAGCTACAACGA AGAATCAT	33899
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GGCTAGCTACAACGA AAGGTATT	33900
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GGCTAGCTACAACGA CACAAGGT	33901
10221	809	UGGCCUUG G UGCUGUCC	13520	GGACAGCA GGCTAGCTACAACGA CAAGGCCA	33902
10223	807	GCCUUGGU G CUGUCCAU	13521	ATGGACAG GGCTAGCTACAACGA ACCAAGGC	33903
10226	804	UUGGUGCU G UCCAUCCA	13522	TGGATGGA GGCTAGCTACAACGA AGCACCAA	33904
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGG GGCTAGCTACAACGA TTGGATGG	33905
10247	783	CCCUUCUU G UUCGCUAG	13524	CTAGCGAA GGCTAGCTACAACGA AAGAAGGG	33906
10251	779	UCUUGUUC G CUAGAGUG	13525	CACTCTAG GGCTAGCTACAACGA GAACAAGA	33907
10257	773	UCGCUAGA G UGCUUUCU	13526	AGAAAGCA GGCTAGCTACAACGA TCTAGCGA	33908
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GGCTAGCTACAACGA ACTCTAGC	33909
10268	762	CUUUCUCC G UGUGUCUG	13528	CAGACACA GGCTAGCTACAACGA GGAGAAAG	33910
10270	760	UUCUCCGU G UGUCUGCA	13529	TGCAGACA GGCTAGCTACAACGA ACGGAGAA	33911
10272	758	CUCCGUGU G UCUGCACU	13530	AGTGCAGA GGCTAGCTACAACGA ACACGGAG	33912
10276	754	GUGUGUCU G CACUGUCA	13531	TGACAGTG GGCTAGCTACAACGA AGACACAC	33913
10281	749	UCUGCACU G UCAGUGAC	13532	GTCACTGA GGCTAGCTACAACGA AGTGCAGA	33914
10285	745	CACUGUCA G UGACCUCC	13533	GGAGGTCA GGCTAGCTACAACGA TGACAGTG	33915
10298	732	CUCCGACU G CGUCUUGA	13534	TCAAGACG GGCTAGCTACAACGA AGTCGGAG	33916
10300	730	CCGACUGC G UCUUGAGU	13535	ACTCAAGA GGCTAGCTACAACGA GCAGTCGG	33917
10307	723	CGUCUUGA G UGGCGUGU	13536	ACACGCCA GGCTAGCTACAACGA TCAAGACG	33918
10310	720	CUUGAGUG G CGUGUCUU	13537	AAGACACG GGCTAGCTACAACGA CACTCAAG	33919
10312	718	UGAGUGGC G UGUCUUGG	13538	CCAAGACA GGCTAGCTACAACGA GCCACTCA	33920
10314	716	AGUGGCGU G UCUUGGUG	13539	CACCAAGA GGCTAGCTACAACGA ACGCCACT	33921
10320	710	GUGUCUUG G UGCAUCUU	13540	AAGATGCA GGCTAGCTACAACGA CAAGACAC	33922
10322	708	GUCUUGGU G CAUCUUCC	13541	GGAAGATG GGCTAGCTACAACGA ACCAAGAC	33923
10340	690	UACCUGAC G UAGACUGC	13542	GCAGTCTA GGCTAGCTACAACGA GTCAGGTA	33924
10347	683	CGUAGACU G CUGACUUU	13543	AAAGTCAG GGCTAGCTACAACGA AGTCTACG	33925
10356	674	CUGACUUU G UGCACCAA	13544	TTGGTGCA GGCTAGCTACAACGA AAAGTCAG	33926
10358	672	GACUUUGU G CACCAACA	13545	TGTTGGTG GGCTAGCTACAACGA ACAAAGTC	33927
10367	663	CACCAACA G UCGAUGUC	13546	GACATCGA GGCTAGCTACAACGA TGTTGGTG	33928
10373	657	CAGUCGAU G UCUUCUGG	13547	CCAGAAGA GGCTAGCTACAACGA ATCGACTG	33929
10373	638	CAUUACCA G CCGACAGC	13547	GCTGTCGG GGCTAGCTACAACGA TGGTAATG	33929
10399	631	AGCCGACA G CACUGGGC	13549	GCCCAGTG GGCTAGCTACAACGA TGTCGGCT	
10406	624	AGCACUGG G CAUUCAUA			33931
			13550	TATGAATG GGCTAGCTACAACGA CCAGTGCT	33932
10416	614	AUUCAUAA G UGAUAGUA	13551	TACTATCA GGCTAGCTACAACGA TTATGAAT	33933
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10430	600	GUAUCAUC G CACAUGUA	13553	TACATGTG GGCTAGCTACAACGA GATGATAC	33935
10436	594	UCGCACAU G UAUCCCAC	13554	GTGGGATA GGCTAGCTACAACGA ATGTGCGA	33936
10452	578	CAUCCAUU G CUCUGACA	13555	TGTCAGAG GGCTAGCTACAACGA AATGGATG	33937
10463	567	CUGACAAU G CAUAGGUU	13556	AACCTATG GGCTAGCTACAACGA ATTGTCAG	33938
10469	561	AUGCAUAG G UUCUUUCC	13557	GGAAAGAA GGCTAGCTACAACGA CTATGCAT	33939
10479	551	UCUUUCCA G CAGCUGUU	13558	AACAGCTG GGCTAGCTACAACGA TGGAAAGA	33940
10482	548	UUCCAGCA G CUGUUGGA	13559	TCCAACAG GGCTAGCTACAACGA TGCTGGAA	33941
10485	545	CAGCAGCU G UUGGAAUC	13560	GATTCCAA GGCTAGCTACAACGA AGCTGCTG	33942
10494	536	UUGGAAUC G UGAUGACA	13561	TGTCATCA GGCTAGCTACAACGA GATTCCAA	33943
10506	524	UGACAUCU G UGACGUCA	13562	TGACGTCA GGCTAGCTACAACGA AGATGTCA	33944
10511	519	UCUGUGAC G UCAGUAGC	13563	GCTACTGA GGCTAGCTACAACGA GTCACAGA	33945
10515	515	UGACGUCA G UAGCAUUU	13564	AAATGCTA GGCTAGCTACAACGA TGACGTCA	33946
10518	512	CGUCAGUA G CAUUUACC	13565	GGTAAATG GGCTAGCTACAACGA TACTGACG	33947
10527	503	CAUUUACC G UCAUCAUC	13566	GATGATGA GGCTAGCTACAACGA GGTAAATG	33948

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10550	480	CCUUGGAA G UUAGAGAG	13567	CTCTCTAA GGCTAGCTACAACGA TTCCAAGG	33949
10560	470	UAGAGAGG G UAACUGCU	13568	AGCAGTTA GGCTAGCTACAACGA CCTCTCTA	33950
10566	464	GGGUAACU G CUCCUACG	13569	CGTAGGAG GGCTAGCTACAACGA AGTTACCC	33951
10574	456	GCUCCUAC G CUGGCGAU	13570	ATCGCCAG GGCTAGCTACAACGA GTAGGAGC	33952
10578	452	CUACGCUG G CGAUCAGG	13571	CCTGATCG GGCTAGCTACAACGA CAGCGTAG	33953
10586	444	GCGAUCAG G CCAAUCAU	13572	ATGATTGG GGCTAGCTACAACGA CTGATCGC	33954
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10637	393	UGUUUUGA G CUCCGCCG	13576		
10642	388	UGAGCUCC G CCGAUUGA	13577	TCAATCGG GGCTAGCTACAACGA GGAGCTCA	33959
10653	377	GAUUGAUA G CACUGGUC	13578	GACCAGTG GGCTAGCTACAACGA TATCAATC	33960
10659	371	UAGCACUG G UCAAGGUC	13579	GACCTTGA GGCTAGCTACAACGA CAGTGCTA	33961
10665	365	UGGUCAAG G UCCCUAGU	13580	ACTAGGGA GGCTAGCTACAACGA CTTGACCA	33962
10672	358	GGUCCCUA G UUCCUUCU	13581	AGAAGGAA GGCTAGCTACAACGA TAGGGACC	33963
10694	336	CUCAGAAG G UGUUUCAU	13582	ATGAAACA GGCTAGCTACAACGA CTTCTGAG	33964
10696	334	CAGAAGGU G UUUCAUCG	13583	CGATGAAA GGCTAGCTACAACGA ACCTTCTG	33965
10704	326	GUUUCAUC G CUGUUUGU	13584	ACAAACAG GGCTAGCTACAACGA GATGAAAC	33966
		UCAUCGCU G UUUGUUUG	13585	CAAACAAA GGCTAGCTACAACGA AGCGATGA	33967
10707	323			TGAACAAA GGCTAGCTACAACGA AAACAGCG	33968
10711	319	CGCUGUUU G UUUGUUCA	13586		
10715	315	GUUUGUUU G UUCACACC	13587	GGTGTGAA GGCTAGCTACAACGA AAACAAAC	33969
10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGTG GGCTAGCTACAACGA TGGATCGA	33970
10743	287	CCAGCACU G CUCGGGUC	13589	GACCCGAG GGCTAGCTACAACGA AGTGCTGG	33971
10749	281	CUGCUCGG G UCGGAGCA	13590	TGCTCCGA GGCTAGCTACAACGA CCGAGCAG	33972
10755	275	GGGUCGGA G CAAUUGCU	13591	AGCAATTG GGCTAGCTACAACGA TCCGACCC	33973
10761	269	GAGCAAUU G CUGUGAAC	13592	GTTCACAG GGCTAGCTACAACGA AATTGCTC	33974
10764	266	CAAUUGCU G UGAACCUG	13593	CAGGTTCA GGCTAGCTACAACGA AGCAATTG	33975
10779	251	UGAAGAAC G CCAAGAGA	13594	TCTCTTGG GGCTAGCTACAACGA GTTCTTCA	33976
10788	242	CCAAGAGA G CCAACACA	13595	TGTGTTGG GGCTAGCTACAACGA TCTCTTGG	33977
		CACAAAUC G UAUUGGCC	13596	GGCCAATA GGCTAGCTACAACGA GATTTGTG	33978
10801	229				
10807	223	UCGUAUUG G CCCCUUGC	13597	GCAAGGGG GGCTAGCTACAACGA CAATACGA	33979
10814	216	GGCCCCUU G CCGUCGAU	13598	ATCGACGG GGCTAGCTACAACGA AAGGGGCC	33980
10817	213	CCCUUGCC G UCGAUCAG	13599	CTGATCGA GGCTAGCTACAACGA GGCAAGGG	33981
10826	204	UCGAUCAG G CUCAACAU	13600	ATGTTGAG GGCTAGCTACAACGA CTGATCGA	33982
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG GGCTAGCTACAACGA TATGTTGA	33983
10846	184	CCUCUUCA G UCCAAUCA	13602	TGATTGGA GGCTAGCTACAACGA TGAAGAGG	33984
10865	165	GACAACAC G CGGGGCAU	13603	ATGCCCCG GGCTAGCTACAACGA GTGTTGTC	33985
10870	160	CACGCGGG G CAUUCCGC	13604	GCGGAATG GGCTAGCTACAACGA CCCGCGTG	33986
10877	153	GGCAUUCC G CGUUUUAG	13605	CTAAAACG GGCTAGCTACAACGA GGAATGCC	33987
10879	151	CAUUCCGC G UUUUAGCA	13606	TGCTAAAA GGCTAGCTACAACGA GCGGAATG	33988
10885	145	GCGUUUUA G CAUAUUGA	13607	TCAATATG GGCTAGCTACAACGA TAAAACGC	33989
		UAUUGACA G CCCGGCUC	13608		33990
10896	134		<del></del>		
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10907	123	CGGCUCUU G CCGGGCCC	13610	GGGCCCGG GGCTAGCTACAACGA AAGAGCCG	33992
10912	118	CUUGCCGG G CCCUCCUG	13611	CAGGAGGG GGCTAGCTACAACGA CCGGCAAG	33993
10921	109	CCCUCCUG G UUUCUUAG	13612		33994
10944	86	AGAUCUUC G UGCUAAGA	13613		33995
10946	84	AUCUUCGU G CUAAGAAA	13614	TTTCTTAG GGCTAGCTACAACGA ACGAAGAT	33996
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10961	69	AACAGCUC G CACUGUGU	13616	ACACAGTG GGCTAGCTACAACGA GAGCTGTT	33998
10966	64	CUCGCACU G UGUUAAUU	13617		33999
10968	62	CGCACUGU G UUAAUUGU	13618	ACAATTAA GGCTAGCTACAACGA ACAGTGCG	34000
10975	55	UGUUAAUU G UUGUUAAU	13619	ATTAACAA GGCTAGCTACAACGA AATTAACA	34001
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11003			<del>                                     </del>		34002
11002	28	ACUACUAA G UUUGUCAG	13621		
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11010	20	GUUUGUCA G CUCACACA	13623	TGTGTGAG GGCTAGCTACAACGA TGACAAAC	34005
11020	10	UCACACAG G CGAACUAC	13624		34006
76	10954	AGCAGAAG A UCUCCUAG	13625		34007
101	10929	AGGUGUCA A UAUGCUGU	13626	ACAGCATA GGCTAGCTACAACGA TGACACCT	34008
146	10884	CUCCACUA A CCUCUAGU	13627	ACTAGAGG GGCTAGCTACAACGA TAGTGGAG	34009
165	10865	UUCCCCUG A CCUACAGC	13628	GCTGTAGG GGCTAGCTACAACGA CAGGGGAA	34010
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245	10785	CCUGGUUA A CACCAUUA	13631	TAATGGTG GGCTAGCTACAACGA TAACCAGG	34013
295	10735	CUUUGUUA A CCCAGUCC	13632	GGACTGGG GGCTAGCTACAACGA TAACAAAG	34014
323	10707	UAUCGCAG A CUGCACUC	13633	GAGTGCAG GGCTAGCTACAACGA CTGCGATA	34015
363	10667	GUGGUCUG A CAUUGGGC	13634	GCCCAATG GGCTAGCTACAACGA CAGACCAC	34016
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407	10623	CUUCCGAG A CGGUUCUG	13636	CAGAACCG GGCTAGCTACAACGA CTCGGAAG	34018
429	10601	UUACAUGG A UCACUUCG	13637	CGAAGTGA GGCTAGCTACAACGA CCATGTAA	34019
494	10536	UCUACUCA A CUUCCGGU	13638	ACCGGAAG GGCTAGCTACAACGA TGAGTAGA	34020
510	10520	UGGCGGGA A CUUCCCGG	13639	CCGGGAAG GGCTAGCTACAACGA TCCCGCCA	34021
523	10507	CCGGCCUG A CUUUCUCC	13640	GGAGAAAG GGCTAGCTACAACGA CAGGCCGG	34022
537	10493	UCCUCAAA A UUUUCUUA	13641	TAAGAAAA GGCTAGCTACAACGA TTTGAGGA	34023
546	10484	UUUUCUUA A CUAUUUAC	13642	GTAAATAG GGCTAGCTACAACGA TAAGAAAA	34024
559	10471	UUACACUA A CACCACUA	13643	TAGTGGTG GGCTAGCTACAACGA TAGTGTAA	34025
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683	103/9	UUUAGUGA A CUCAUGUA			34031
692	10347		13650	TACATGAG GGCTAGCTACAACGA TCACTAAA	34032
714		CUCAUGUA A UCCACAUA	13651	TATGTGGA GGCTAGCTACAACGA TACATGAG	34033
	10316	CAUCUCCG A UGAUUGCU	13652	AGCAATCA GGCTAGCTACAACGA CGGAGATG	34034
717	10313	CUCCGAUG A UUGCUCUG	13653	CAGAGCAA GGCTAGCTACAACGA CATCGGAG	34035
726	10304	UUGCUCUG A CUUGGUUG	13654	CAACCAAG GGCTAGCTACAACGA CAGAGCAA	34036
735	10295	CUUGGUUG A UAGCCACC	13655	GGTGGCTA GGCTAGCTACAACGA CAACCAAG	34037
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783	10247	UUGUGCCA A UCAGGCUG	13657	CAGCCTGA GGCTAGCTACAACGA TGGCACAA	34039
801	10229	CACACCAG A UGUCCUCU	13658	AGAGGACA GGCTAGCTACAACGA CTGGTGTG	34040
821	10209	UUUCCUGA A UAUGGGAC	13659	GTCCCATA GGCTAGCTACAACGA TCAGGAAA	34041
828	10202	AAUAUGGG A CGUCACUC	13660	GAGTGACG GGCTAGCTACAACGA CCCATATT	34042
888	10142	CUAUCCAA A CACGGUUC	13661	GAACCGTG GGCTAGCTACAACGA TTGGATAG	34043
900	10130	GGUUCCAG A CCUCCAAC	13662	GTTGGAGG GGCTAGCTACAACGA CTGGAACC	34044
907	10123	GACCUCCA A CAUGUCCU	13663	AGGACATG GGCTAGCTACAACGA TGGAGGTC	34045
945	10085	CUGCAUGG A UGGACCAC	13664	GTGGTCCA GGCTAGCTACAACGA CCATGCAG	34046
949	10081	AUGGAUGG A CCACGUGG	13665	CCACGTGG GGCTAGCTACAACGA CCATCCAT	34047
972	10058	CGGUAGGG A CCCAAUUC	13666	GAATTGGG GGCTAGCTACAACGA CCCTACCG	34048
977	10053	GGGACCCA A UUCACAGG	13667	CCTGTGAA GGCTAGCTACAACGA TGGGTCCC	34049
987	10043	UCACAGGG A CAGCGGAG	13668	CTCCGCTG GGCTAGCTACAACGA CCCTGTGA	34050
999	10031	CGGAGCAA A UGGCGUUG	13669	CAACGCCA GGCTAGCTACAACGA TTGCTCCG	34051
1066	9964	GGCAUAAG A CUUAGCCA	13670	TGGCTAAG GGCTAGCTACAACGA CTTATGCC	34052
1076	9954	UUAGCCAG A CAAGCAGU	13671	ACTGCTTG GGCTAGCTACAACGA CTGGCTAA	34053
1092	9938	UGUCGCGG A CGUUCCAU	13672	ATGGAACG GGCTAGCTACAACGA CCGCGACA	34054
1114	9916	CCCUGGAG A UAUGCGAG	13673	CTCGCATA GGCTAGCTACAACGA CTCCAGGG	34055
1135	9895	GCCUACCA A UUCAUCCU	13674	AGGATGAA GGCTAGCTACAACGA TGGTAGGC	34056
1158	9872	GGCAUGGA A CCACCAGU	13675	ACTGGTGG GGCTAGCTACAACGA TCCATGCC	34057
1185	9845	CUUUCAUG A UCAAUUCA	13676	TGAATTGA GGCTAGCTACAACGA CATGAAAG	34058
1189	9841	CAUGAUCA A UUCAGUGA	13677	TCACTGAA GGCTAGCTACAACGA TGATCATG	34059
1199	9831	UCAGUGAA A UGGUUUGA	13678	TCAAACCA GGCTAGCTACAACGA TTCACTGA	34060
1213	9817	UGAGCAAA A UGGAACCU	13679	AGGTTCCA GGCTAGCTACAACGA TTTGCTCA	34061
1218	9812	AAAAUGGA A CCUGCUGC	13680	GCAGCAGG GGCTAGCTACAACGA TCCATTTT	34062
1229	9801	UGCUGCCA A UCAUACCA	13681	TGGTATGA GGCTAGCTACAACGA TGGCAGCA	34063
1246	9784	UCCAGUUG A CGGUUUCC	13682	GGAAACCG GGCTAGCTACAACGA CAACTGGA	34064
1263	9767	ACUCUUGG A UGUCUUUG	13683	CAAAGACA GGCTAGCTACAACGA CCAAGAGT	34065
1275	9755	CUUUGCGA A CCUUUGAC	13684	GTCAAAGG GGCTAGCTACAACGA TCGCAAAG	34066
1282	9748	AACCUUUG A CAUAGCAU	13685	ATGCTATG GGCTAGCTACAACGA CAAAGGTT	34067
1319	9711	GCAAAGCG A UCGUCCAG	13686	CTGGACGA GGCTAGCTACAACGA CGCTTTGC	34068
1356	9674	CUCCACUG A CAGCCAUG	13687	CATGGCTG GGCTAGCTACAACGA CAGTGGAG	34069
1393	9637	AUUCUCAA A CAGCCAGG	13688	CCTGGCTG GGCTAGCTACAACGA TTGAGAAT	34070
1407	9623	AGGUCCUG A CUUUGGGU	13689	ACCCAAAG GGCTAGCTACAACGA CAGGACCT	34071
1455	9575	CUGGGCCA A UCACUCCU	13690	AGGAGTGA GGCTAGCTACAACGA TGGCCCAG	34072
1491	9539	CCAGCUGG A CGGCCAGG	13691	CCTGGCCG GGCTAGCTACAACGA CCAGCTGG	34073
1527	9503	CGUAGGUG A CAACUUGU	13692	ACAAGTTG GGCTAGCTACAACGA CACCTACG	34074

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****	02/00803/				
1530	9500	AGGUGACA A CUUGUCCA	13693	TGGACAAG GGCTAGCTACAACGA TGTCACCT	34075
1550	9480	CCCCUCUG A UCUUCUCU	13694	AGAGAAGA GGCTAGCTACAACGA CAGAGGGG	34076
1563	9467	CUCUGGAG A UAACAUCC	13695	GGATGTTA GGCTAGCTACAACGA CTCCAGAG	34077
1566	9464	UGGAGAUA A CAUCCAUG	13696	CATGGATG GGCTAGCTACAACGA TATCTCCA	34078
1575	9455	CAUCCAUG A CGGUUCUU	13697	AAGAACCG GGCTAGCTACAACGA CATGGATG	34079
1614	9416	CUUUCACA A CUUUGUGA	13698	TCACAAAG GGCTAGCTACAACGA TGTGAAAG	34080
1622	9408	ACUUUGUG A CGAUAGGU	13699	ACCTATCG GGCTAGCTACAACGA CACAAAGT	34081
1625	9405	UUGUGACG A UAGGUGAG	13700	CTCACCTA GGCTAGCTACAACGA CGTCACAA	34082
	9392	UGAGCUCA A UGAUGGCC	13701	GGCCATCA GGCTAGCTACAACGA TGAGCTCA	34083
1638	9389	GCUCAAUG A UGGCCCUG	13702	CAGGGCCA GGCTAGCTACAACGA CATTGAGC	34084
1641		CUGGCAAG A CGCCGAUG	13703	CATCGGCG GGCTAGCTACAACGA CTTGCCAG	34085
1655	9375 9369	AGACGCCG A UGUUCCCC	13704	GGGGAACA GGCTAGCTACAACGA CGGCGTCT	34086
1661		CUCUCGUG A UGCGGGUG	13705	CACCCGCA GGCTAGCTACAACGA CACGAGAG	34087
1719	9311		13705	GGGCAAGA GGCTAGCTACAACGA CTATGCTG	34088
1755	9275	CAGCAUAG A UCUUGCCC		GCGTGAAG GGCTAGCTACAACGA TGGCACCC	34089
1779	9251	GGGUGCCA A CUUCACGC	13707	GGGTTACA GGCTAGCTACAACGA CCTGCGTG	34090
1791	9239	CACGCAGG A UGUAACCC	13708		
1796	9234	AGGAUGUA A CCCAGUUU	13709	AAACTGGG GGCTAGCTACAACGA TACATCCT	34091
1824	9206	AGCCCUCG A CACCUCCU	13710	AGGAGGTG GGCTAGCTACAACGA CGAGGGCT	34092
1874	9156	UUGAGAAA A CCCAGAGC	13711	GCTCTGGG GGCTAGCTACAACGA TTTCTCAA	34093
1888	9142	AGCCUCGA A CUCCAGAA	13712	TTCTGGAG GGCTAGCTACAACGA TCGAGGCT	34094
1918	9112	CCACAUGA A CCAAAUGG	13713	CCATTTGG GGCTAGCTACAACGA TCATGTGG	34095
1923	9107	UGAACCAA A UGGCUCUG	13714	CAGAGCCA GGCTAGCTACAACGA TTGGTTCA	34096
1951	9079	CUUUCCGA A CUCUCCGG	13715	CCGGAGAG GGCTAGCTACAACGA TCGGAAAG	34097
1992	9038	UGUUGUAA A UGCAAGUG	13716	CACTTGCA GGCTAGCTACAACGA TTACAACA	34098
2003	9027	CAAGUGUG A CAUUCCCC	13717	GGGGAATG GGCTAGCTACAACGA CACACTTG	34099
2018	9012	CCCCGCAG A UGUGCCUC	13718	GAGGCACA GGCTAGCTACAACGA CTGCGGGG	34100
2053	8977	CUCCCAAA A UUUUGGAU	13719	ATCCAAAA GGCTAGCTACAACGA TTTGGGAG	34101
2060	8970	AAUUUUGG A UCUUCAAC	13720	GTTGAAGA GGCTAGCTACAACGA CCAAAATT	34102
2067	8963	GAUCUUCA A CUGCUUCU	13721	AGAAGCAG GGCTAGCTACAACGA TGAAGATC	34103
2093	8937	CUCCAUUG A UUCUGCUC	13722	GAGCAGAA GGCTAGCTACAACGA CAATGGAG	34104
2107	8923	CUCUUCAA A CAUGGCAC	13723	GTGCCATG GGCTAGCTACAACGA TTGAAGAG	34105
2136	8894	UGCUGUUG A CCUUUCUU	13724	AAGAAAGG GGCTAGCTACAACGA CAACAGCA	34106
2149	8881	UCUUAUGA A UUCCUCUC	13725	GAGAGGAA GGCTAGCTACAACGA TCATAAGA	34107
2174	8856	AUUCUGGG A CGUUUUUC	13726	GAAAAACG GGCTAGCTACAACGA CCCAGAAT	34108
2194	8836	GGCCAAAA A CGCCCACA	13727	TGTGGGCG GGCTAGCTACAACGA TTTTGGCC	34109
2203	8827	CGCCCACA A CCAGUUGG	13728	CCAACTGG GGCTAGCTACAACGA TGTGGGCG	34110
2281	8749	CUCUUUGA A CACUCGCU	13729	AGCGAGTG GGCTAGCTACAACGA TCAAAGAG	34111
2331	8699	UGGUGGUA A CAUUCGUG	13730	CACGAATG GGCTAGCTACAACGA TACCACCA	34112
		CAUUCGUG A UGGUGUCC	13731	GGACACCA GGCTAGCTACAACGA CACGAATG	34113
2340	8690	GGAGCCUG A CCACUCCA	13732	TGGAGTGG GGCTAGCTACAACGA CAGGCTCC	34114
2370	8660			TTCGCTGG GGCTAGCTACAACGA CAATGGAG	34115
2382	8648	CUCCAUUG A CCAGCGAA	13733	TCCGCCAG GGCTAGCTACAACGA TCGCTGGT	34116
2390	8640	ACCAGCGA A CUGGCGGA	13734		34117
2420	8610	ACAUCAUA A CUGCCGUG	13735		
2429	8601	CUGCCGUG A UAGUUCCA	13736		34118
2477	8553	CACGUCGA A CUGUACUC	13737		34119
2502	8528	GUCGUUCA A UCCUGUUC	13738		34120
2514	8516	UGUUCUUG A UUUUACUG	13739		34121
2657	8373	UUCACUGA A UGUACCAC	13740		34122
2681	8349	GAAGCUCG A CUCACCCA	13741		34123
2690	8340	CUCACCCA A UACAUCUC	13742		34124
2708	8322	UGCGUGGA A UUCCGUGA	13743	<u></u>	34125
2730	8300	GGUUUCUG A CCAGUCCC	13744		+
2778	8252	UCUCUAUG A CUUUCGGC	13745		34127
2815	8215	CACGCAAA A UUCCCUUG	13746		34128
2847	8183	AGUCCUCA A CCAUUUCA	.13747		34129
2859	8171	UUUCAAGG A CCCGAAUC	13748	GATTCGGG GGCTAGCTACAACGA CCTTGAAA	34130
2865	8165	GGACCCGA A UCGUCCUA	13749		34131
2883	8147	GCUCUUCA A CCUCAGCA	13750		34132
2896	8134	AGCACUUG A CGAGGACU	13751		34133
2902	8128	UGACGAGG A CUCUCCGA	13752		34134
2910	8120	ACUCUCCG A UGUCACAA	13753		34135
2933	8097	GUGUCACA A CACUCAGA	13754		34136
2953	8077	UCUGUAGA A CACAUCCA	13755		34137
			1	1	

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	0051	UCAUGGUG A CAAUGUUC	13756	GAACATTG GGCTAGCTACAACGA CACCATGA	34138
2979	8051	UGGUGACA A UGUUCCAU	13757	ATGGAACA GGCTAGCTACAACGA TGTCACCA	34139
2982	8048			GTGCAAAG GGCTAGCTACAACGA TATGGATG	34140
2996	8034	CAUCCAUA A CUUUGCAC	13758	AAGGGCGG GGCTAGCTACAACGA CCCGGACA	34141
3029	8001	UGUCCGGG A CCGCCCUU	13759	CCAAGAAG GGCTAGCTACAACGA CAGAGGGT	34142
3051	7979	ACCCUCUG A CUUCUUGG	13760	AAAAAGAG GGCTAGCTACAACGA CAGAGGGT	34143
3060	7970	CUUCUUGG A CUCUUUUU	13761		34144
3086	7944	AUAUAGUA A CACCAACC	13762	GGTTGGTG GGCTAGCTACAACGA TACTATAT	
3092	7938	UAACACCA A CCGCCUCU	13763	AGAGGCGG GGCTAGCTACAACGA TGGTGTTA	34145
3117	7913	CAAGGUCA A UCACUUUU	13764	AAAAGTGA GGCTAGCTACAACGA TGACCTTG	34146
3129	7901	CUUUUCCG A CCGGUUCG	13765	CGAACCGG GGCTAGCTACAACGA CGGAAAAG	34147
3142	7888	UUCGAGAA A CCUCCGUU	13766	AACGGAGG GGCTAGCTACAACGA TTCTCGAA	34148
3153	7877	UCCGUUCG A CCAGCCAU	13767	ATGGCTGG GGCTAGCTACAACGA CGAACGGA	34149
3186	7844	CCCUAGAG A CUGGAUGC	13768	GCATCCAG GGCTAGCTACAACGA CTCTAGGG	34150
3191	7839	GAGACUGG A UGCCCUCC	13769	GGAGGGCA GGCTAGCTACAACGA CCAGTCTC	34151
3204	7826	CUCCAGUG A CAUUGCCU	13770	AGGCAATG GGCTAGCTACAACGA CACTGGAG	34152
3242	7788	GCUGAGCG A UCGACUUC	13771	GAAGTCGA GGCTAGCTACAACGA CGCTCAGC	34153
3246	7784	AGCGAUCG A CUUCGAUG	13772	CATCGAAG GGCTAGCTACAACGA CGATCGCT	34154
3252	7778	CGACUUCG A UGAUGGCC	13773	GGCCATCA GGCTAGCTACAACGA CGAAGTCG	34155
3255	7775	CUUCGAUG A UGGCCUCU	13774	AGAGGCCA GGCTAGCTACAACGA CATCGAAG	34156
3280	7750	CCUAGUGA A CUCUUCUU	13775	AAGAAGAG GGCTAGCTACAACGA TCACTAGG	34157
3318	7712	CUUUCCAA A CCUCUCCC	13776	GGGAGAGG GGCTAGCTACAACGA TTGGAAAG	34158
3400	7630	UGUUAUGG A UAGACAUG	13777	CATGTCTA GGCTAGCTACAACGA CCATAACA	34159
3404	7626	AUGGAUAG A CAUGACAA	13778	TTGTCATG GGCTAGCTACAACGA CTATCCAT	34160
3409	7621	UAGACAUG A CAACCAAC	13779	GTTGGTTG GGCTAGCTACAACGA CATGTCTA	34161
3412	7618	ACAUGACA A CCAACCCC	13780	GGGGTTGG GGCTAGCTACAACGA TGTCATGT	34162
3416	7614	GACAACCA A CCCCCACG	13781	CGTGGGG GGCTAGCTACAACGA TGGTTGTC	34163
3429	7601	CACGCAUG A UGUGGCAG	13782	CTGCCACA GGCTAGCTACAACGA CATGCGTG	34164
3444	7586	AGAGUCCG A UGGCAGUU	13783	AACTGCCA GGCTAGCTACAACGA CGGACTCT	34165
3465	7565	CGUUCCAA A CAGAGCUU	13784	AAGCTCTG GGCTAGCTACAACGA TTGGAACG	34166
3510	7520	CGGCCGUG A UCAAAAUU	13785	AATTTTGA GGCTAGCTACAACGA CACGGCCG	34167
3516	7514	UGAUCAAA A UUCCGGCU	13786	AGCCGGAA GGCTAGCTACAACGA TTTGATCA	34168
3544	7486	CUUCACAG A CGGGUUCA	13787	TGAACCCG GGCTAGCTACAACGA CTGTGAAG	34169
3571	7459	AGCUAGAG A CACCAAGA	13788	TCTTGGTG GGCTAGCTACAACGA CTCTAGCT	34170
3579	7451	ACACCAAG A UCAGCAUG	13789	CATGCTGA GGCTAGCTACAACGA CTTGGTGT	34171
3588	7442	UCAGCAUG A UCUGUCCA	13790	TGGACAGA GGCTAGCTACAACGA CATGCTGA	34172
3597	7433	UCUGUCCA A CUUUCUUC	13791	GAAGAAAG GGCTAGCTACAACGA TGGACAGA	34173
3612	7418	UCUGCAUG A UGGGUGUG	13792	CACACCCA GGCTAGCTACAACGA CATGCAGA	34174
<b>—</b>	7399	GCGCUCUA A UUCUGGGA	13793	TCCCAGAA GGCTAGCTACAACGA TAGAGCGC	34175
3631		AUUCUGGG A CGUCCGUG	13794	CACGGACG GGCTAGCTACAACGA CCCAGAAT	34176
3639	7391	<u> </u>	13795	GGATGGCA GGCTAGCTACAACGA CGTGGCCA	34177
3654	7376	UGGCCACG A UGCCAUCC	<del></del>	GGCCGGAA GGCTAGCTACAACGA CATGAAGA	34178
3681	7349	UCUUCAUG A UUCCGGCC	13796	GTTCCCGG GGCTAGCTACAACGA TGGCAAGC	34179
3731	7299	GCUUGCCA A CCGGGAAC			<del></del>
3738	7292	AACCGGGA A CCAUGUAG	13798		34180
3786	7244	UUACCGUA A CGGUGAGG	13799		34181
3798	7232	UGAGGGUG A CUUGUCCC	13800		34182
3835	7195	GAGAGCCG A CACUCCAA	13801		34183
3843	7187	ACACUCCA A CAUCGACG	13802		34184
3849	7181	CAACAUCG A CGAAGGGG	13803		34185
3877	7153	GAGUGUGA A UAGUGCAC	13804		34186
3894	7136	UUGCCUGA A CGUUUAUU	13805		34187
3910	7120	UGAGGUCA A UGAGGUGU	13806		34188
3921	7109	AGGUGUUG A UGUAAUCU	13807		34189
3926	7104	UUGAUGUA A UCUGACGU	13808		34190
3931	7099	GUAAUCUG A CGUGAUCA	13809		34191
3936	7094	CUGACGUG A UCAAAUGC	13810		34192
3941	7089	GUGAUCAA A UGCUUUAG	13811	<u> </u>	34193
3963	7067	GAGUGAGG A CCGCUGUU	13812		34194
3988	7042	GUACAGUG A CCAGGCUG	13813	<del></del>	34195
4021	7009	CAAAAGAA A CUCUCCCA	13814	·	34196
4037	6993	AUGCUGAA A UUCUCCUU	13815		34197
4047	6983	UCUCCUUG A CCUCAAUU	13816	.l	34198
4053	6977	UGACCUCA A UUCUUUGC	13817	<del></del>	34199
4066	6964	UUGCCCAA A CAAACUGC	13818	GCAGTTTG GGCTAGCTACAACGA TTGGGCAA	34200

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***	1 02/00003/			1 C1/0301/46330	
4070	6960	CCAAACAA A CUGCUUAU	13819	ATAAGCAG GGCTAGCTACAACGA TTGTTTGG	34201
4103	6927	UCUAGCCA A CCCAUCUC	13820	GAGATGGG GGCTAGCTACAACGA TGGCTAGA	34202
4143	6887	GGGUCAUG A CACAAAUC	13821	GATTTGTG GGCTAGCTACAACGA CATGACCC	34203
4149	6881	UGACACAA A UCAGGAAC	13822	GTTCCTGA GGCTAGCTACAACGA TTGTGTCA	34204
4156	6874	AAUCAGGA A CACGGCUA	13823	TAGCCGTG GGCTAGCTACAACGA TCCTGATT	34205
4184	6846	GUCUGCGA A CGUUGCUU	13824	AAGCAACG GGCTAGCTACAACGA TCGCAGAC	34206
4206	6824	GCUCAGGA A UUAGCACA	13825	TGTGCTAA GGCTAGCTACAACGA TCCTGAGC	34207
4215	6815	UUAGCACA A UCAUCAAG	13826	CTTGATGA GGCTAGCTACAACGA TGTGCTAA	34208
4240	6790	GAGCAGCA A CAUUCCGG	13827	CCGGAATG GGCTAGCTACAACGA TGCTGCTC	34209
4251	6779	UUCCGGCG A UCUUCGUU	13828	AACGAAGA GGCTAGCTACAACGA CGCCGGAA	34210
4266	6764	UUCCUGGA A CUUCAGCC	13829	GGCTGAAG GGCTAGCTACAACGA TCCAGGAA	34211
4280	6750	GCCAUCCA A CAGAAAAA	13830	TTTTTCTG GGCTAGCTACAACGA TGGATGGC	34212
4296	6734	AGGUCGCG A CUCCCAAG	13831	CTTGGGAG GGCTAGCTACAACGA CGCGACCT	34213
4305	6725	CUCCCAAG A CAGCGCCU	13832	AGGCGCTG GGCTAGCTACAACGA CTTGGGAG	34214
4319	6711	CCUCCCAA A CCUAUCUU	13833	AAGATAGG GGCTAGCTACAACGA TTGGGAGG	34215
4332	6698	UCUUUCCA A UGCCCUUC	13834	GAAGGCA GGCTAGCTACAACGA TGGAAAGA	34216
4360	6670	GAGGAAGA A UACUCCCA	13835	TGGGAGTA GGCTAGCTACAACGA TCTTCCTC	34217
4384	6646	CACACUCA A UAAGGCAA	13836	TTGCCTTA GGCTAGCTACAACGA TGAGTGTG	34218
4392	6638	AUAAGGCA A UCAAGGCA	13837	TGCCTTGA GGCTAGCTACAACGA TGCCTTAT	34219
4401	6629	UCAAGGCA A UUGUCUGA	13838	TCAGACAA GGCTAGCTACAACGA TGCCTTGA	34220
4476	6554	UGGCCACA A CGUACAUG	13839	CATGTACG GGCTAGCTACAACGA TGTGGCCA	34221
4539	6491	UUCCCAGA A CCUCAAUG	13840	CATTGAGG GGCTAGCTACAACGA TCTGGGAA	34222
4545	6485	GAACCUCA A UGAGCCCU	13841	AGGGCTCA GGCTAGCTACAACGA TGAGGTTC	34223
4562	6468	AUCUGAGA A CGUUUUCC	13842	GGAAAACG GGCTAGCTACAACGA TCTCAGAT	34224
4588	6442	GUCCUUGA A CGCCUUUA	13843	TAAAGGCG GGCTAGCTACAACGA TCAAGGAC	34225
4607	6423	GCCUGGUG A UCCGAGUA	13844	TACTCGGA GGCTAGCTACAACGA CACCAGGC	34226
4629	6401	UGGCGUCA A UCCAGCGC	13845	GCGCTGGA GGCTAGCTACAACGA TGACGCCA	34227
4647	6383	GCCUCAGA A UCUUCCUU	13846	AAGGAAGA GGCTAGCTACAACGA TCTGAGGC	34228
4671	6359	GCUUCGUG A UGACUUCC	13847	GGAAGTCA GGCTAGCTACAACGA CACGAAGC	34229
4674	6356	UCGUGAUG A CUUCCACU	13848	AGTGGAAG GGCTAGCTACAACGA CATCACGA	34230
4701	6329	CUUCUAAA A UUGUGUUU	13849	AAACACAA GGCTAGCTACAACGA TTTAGAAG	34231
4718	6312	GUCCUAGG A CCAUCAAA	13850	TTTGATGG GGCTAGCTACAACGA CCTAGGAC	34232
4750	6280	GUGGUAUG A CACUCCAG	13851	CTGGAGTG GGCTAGCTACAACGA CATACCAC	34233
4767	6263	CCGCUGCA A CCUUGUAA	13852	TTACAAGG GGCTAGCTACAACGA TGCAGCGG	34234
4785	6245	CCAGCCAA A CUGGCAGA	13853	TCTGCCAG GGCTAGCTACAACGA TTGGCTGG	34235
4793	6237	ACUGGCAG A UCUGCAGU	13854	ACTGCAGA GGCTAGCTACAACGA CTGCCAGT	34236
4807	6223	AGUCCUCA A CAGUUCCA	13855	TGGAACTG GGCTAGCTACAACGA TGAGGACT	34237
4894	6136	UUGGUAGA A UUGAGCGA	13856	TCGCTCAA GGCTAGCTACAACGA TCTACCAA	
4902	6128	AUUGAGCG A UCAGUCCG	13857	CGGACTGA GGCTAGCTACAACGA CGCTCAAT	34238
	6107	<del></del>	<del> </del>		34239
4923		GCAUGUUG A UGUUGUCC	13858	GGACAACA GGCTAGCTACAACGA CAACATGC	34240
4938	6092	CCAGCAUG A UUCGUGCC	13859	GGCACGAA GGCTAGCTACAACGA CATGCTGG	34241
4955	6075	UCAGUCCA A UGGGCGAA	13860	TTCGCCCA GGCTAGCTACAACGA TGGACTGA	34242
4997	6033	CCCCCAUA A CAGUACUC	13861		34243
5013	6017	CAUCACCA A CUUGCGAC	13862	GTCGCAAG GGCTAGCTACAACGA TGGTGATG	34244
5020	6010	AACUUGCG A CGGAUUUC	13863	GAAATCCG GGCTAGCTACAACGA CGCAAGTT	34245
5024	6006	UGCGACGG A UUUCUACC	13864	GGTAGAAA GGCTAGCTACAACGA CCGTCGCA	34246
5034	5996	UUCUACCG A UACGUCCA	13865	TGGACGTA GGCTAGCTACAACGA CGGTAGAA	34247
5077	5953	CACUGCAG A UGGUUCUC	13866	GAGAACCA GGCTAGCTACAACGA CTGCAGTG	34248
5091	5939	CUCCCAGG A UCACUCUC	13867	GAGAGTGA GGCTAGCTACAACGA CCTGGGAG	34249
5118	5912	CUGUUAUG A UGGUUGGU	13868	ACCAACCA GGCTAGCTACAACGA CATAACAG	34250
5148	5882	GGCUGUCA A UCACCCUG	13869	CAGGGTGA GGCTAGCTACAACGA TGACAGCC	34251
5185	5845	CAUUUCAG A UAUGUCUG	13870	CAGACATA GGCTAGCTACAACGA CTGAAATG	34252
5199	5831	CUGUUGUG A UAACAAAG	13871	CTTTGTTA GGCTAGCTACAACGA CACAACAG	34253
5202	5828	UUGUGAUA A CAAAGUCC	13872	GGACTTTG GGCTAGCTACAACGA TATCACAA	34254
5213	5817	AAGUCCCA A UCAUCGUU	13873	AACGATGA GGCTAGCTACAACGA TGGGACTT	34255
5251	5779	CUCGUACG A CUUUCUGU	13874	ACAGAAAG GGCTAGCTACAACGA CGTACGAG	34256
5263	5767	UCUGUUCA A UUGGACUA	13875	TAGTCCAA GGCTAGCTACAACGA TGAACAGA	34257
5268	5762	UCAAUUGG A CUACUUUC	13876	GAAAGTAG GGCTAGCTACAACGA CCAATTGA	34258
5304	5726	AAAGGGCA A UCUCAUUC	13877	GAATGAGA GGCTAGCTACAACGA TGCCCTTT	34259
5322	5708	CCAUCUUG A CACUAGGC	13878	GCCTAGTG GGCTAGCTACAACGA CAAGATGG	34260
5335	5695	AGGCACAA A CCAAACCG	13879	CGGTTTGG GGCTAGCTACAACGA TTGTGCCT	34261
5340	5690	CAAACCAA A CCGUCUUC	13880	GAAGACGG GGCTAGCTACAACGA TTGGTTTG	
5364	5666	AUUCUGUG A UCCAUUCG	13881	CGAATGGA GGCTAGCTACAACGA TIGGTITG	34262
		בטטטטטט א טטטטטטט	12001	COMMISSA GOCTAGCIACAACGA CACAGAAT	34263

WU	) 02/068637		I abic A	FC1/0501/40550	
5393	5637	CAAGCUCG A UCCGGGAU	13882	ATCCCGGA GGCTAGCTACAACGA CGAGCTTG	34264
5400	5630	GAUCCGGG A UCUCAGUC	13883	GACTGAGA GGCTAGCTACAACGA CCCGGATC	34265
5421	5609	AGUCGGAA A UUGGUGAA	13884	TTCACCAA GGCTAGCTACAACGA TTCCGACT	34266
5429	5601	AUUGGUGA A UUGGACUC	13885	GAGTCCAA GGCTAGCTACAACGA TCACCAAT	34267
5434	5596	UGAAUUGG A CUCUGGGA	13886	TCCCAGAG GGCTAGCTACAACGA CCAATTCA	34268
5443	5587	CUCUGGGA A UGGAUCUG	13887	CAGATCCA GGCTAGCTACAACGA TCCCAGAG	34269
5447	5583	GGGAAUGG A UCUGAAGU	13888	ACTTCAGA GGCTAGCTACAACGA CCATTCCC	34270
5479	5551	UGUCAUGA A UAUUGCCG	13889	CGGCAATA GGCTAGCTACAACGA TCATGACA	34271
5505	5525	CUAGCUCG A CCUUUGUG	13890	CACAAAGG GGCTAGCTACAACGA CGAGCTAG	34272
5517	5513	UUGUGGAA A UGUAACCU	13891	AGGTTACA GGCTAGCTACAACGA TTCCACAA	34273
		GAAAUGUA A CCUCUUGC	13892	GCAAGAGG GGCTAGCTACAACGA TACATTTC	34274
5522	5508	UUGCUGCA A UGCUAGCU	13893	AGCTAGCA GGCTAGCTACAACGA TGCAGCAA	34275
5535	5495		13894	GAGGCTCA GGCTAGCTACAACGA TTCACCGA	34276
5555	5475	UCGGUGAA A UGAGCCUC		ACAACCTG GGCTAGCTACAACGA TCGTGATG	34277
5575	5455	CAUCACGA A CAGGUUGU	13895		
5605	5425	GUGAGGAG A CAUCAGCC	13896	GGCTGATG GGCTAGCTACAACGA CTCCTCAC	34278
5633	5397	GUAGCAUG A CACAUGAC	13897	GTCATGTG GGCTAGCTACAACGA CATGCTAC	34279
5640	5390	GACACAUG A CAUCAACA	13898	TGTTGATG GGCTAGCTACAACGA CATGTGTC	34280
5646	5384	UGACAUCA A CAAUCUCA	13899	TGAGATTG GGCTAGCTACAACGA TGATGTCA	34281
5649	5381	CAUCAACA A UCUCAUUU	13900	AAATGAGA GGCTAGCTACAACGA TGTTGATG	34282
5683	5347	CACUGCGG A UGUCUGGU	13901	ACCAGACA GGCTAGCTACAACGA CCGCAGTG	34283
5697	5333	GGUACCGG A UGGGCAGU	13902	ACTGCCCA GGCTAGCTACAACGA CCGGTACC	34284
5739	5291	CAGCCACA A CCCUGGUU	13903	AACCAGGG GGCTAGCTACAACGA TGTGGCTG	34285
5793	5237	CCUCUUUG A UGAUCUGU	13904	ACAGATCA GGCTAGCTACAACGA CAAAGAGG	34286
5796	5234	CUUUGAUG A UCUGUGGC	13905	GCCACAGA GGCTAGCTACAACGA CATCAAAG	34287
5808	5222	GUGGCAGA A UCCUCCUU	13906	AAGGAGGA GGCTAGCTACAACGA TCTGCCAC	34288
5834	5196	GCGCCGGG A UGGAGAUC	13907	GATCTCCA GGCTAGCTACAACGA CCCGGCGC	34289
5840	5190	GGAUGGAG A UCCAGUAC	13908	GTACTGGA GGCTAGCTACAACGA CTCCATCC	34290
5853	5177	GUACAGUG A UCUGUUUU	13909	AAAACAGA GGCTAGCTACAACGA CACTGTAC	34291
5884	5146	AGGUUCGA A UCCGGCUG	13910	CAGCCGGA GGCTAGCTACAACGA TCGAACCT	34292
5895	5135	CGGCUGGG A UUGGCUCA	13911	TGAGCCAA GGCTAGCTACAACGA CCCAGCCG	34293
5958	5072	GCAUUAUG A CUCCAUUG	13912	CAATGGAG GGCTAGCTACAACGA CATAATGC	34294
5979	5051	AAAGCCCA A UCACAUCA	13913	TGATGTGA GGCTAGCTACAACGA TGGGCTTT	34295
6016	5014	UGAGCCUG A UGUUCCAG	13914	CTGGAACA GGCTAGCTACAACGA CAGGCTCA	34296
6051	4979	CGGCCCCG A UUUCUCCU	13915	AGGAGAAA GGCTAGCTACAACGA CGGGGCCG	34297
6073	4957	UGUUUUGA A CACCCCUG	13916	CAGGGGTG GGCTAGCTACAACGA TCAAAACA	34298
6093	4937	UCGUCUGG A CGUUCUUA	13917	TAAGAACG GGCTAGCTACAACGA CCAGACGA	34299
6102	4928	CGUUCUUA A CGUUCUUG	13918	CAAGAACG GGCTAGCTACAACGA TAAGAACG	34300
6126	4904	CCACCACA A UCAUCUGC	13919	GCAGATGA GGCTAGCTACAACGA TGTGGTGG	34301
6166	4864	GUGCUGCA A UUUCCAGG	13920	CCTGGAAA GGCTAGCTACAACGA TGCAGCAC	34302
6185	4845	CCUCCGUA A CAAAGUCG	13921	CGACTTTG GGCTAGCTACAACGA TACGGAGG	34303
6194	4836	CAAAGUCG A UCCUCCUU	13922	AAGGAGGA GGCTAGCTACAACGA CGACTTTG	34304
6204	4826	CCUCCUUG A CACUGCCC	13923	GGGCAGTG GGCTAGCTACAACGA CAAGGAGG	34305
6285	4745	UGUGGAAA A CACCUUCA	13924		34306
6294	4736	CACCUUCA A CCAUCACG	13925		34307
6317	4713	CCUGCUUG A UAACUGCC	13926		34308
6320	4710	GCUUGAUA A CUGCCGAG	13927		34309
6345	4685	GAGUÇAUG A UCCUGUAG	13928		34310
6354	4676	UCCUGUAG A CGCCGGUG	13929		34311
6409	4621	GUCCCACA A CACGCCUC	13930		34312
6448	4582	UAUCCAAA A UCCAACUA	13931		34313
6453	4577	AAAAUCCA A CUACUGAG	13932	· · · · · · · · · · · · · · · · · · ·	34314
6468	4562	AGGGCAAG A UUGCCCAG	13933	<u> </u>	34315
6492	4538	ACGCACUA A UCGCGAGA	13934		34316
6500	4530	AUCGCGAG A CAGACCAU	13935		34317
	<del></del>	<del></del>	+		34318
6504	4526	CGAGACAG A CCAUUCUG	13936		
6542	4488	GCUCCUGG A UCAUUCAU	13937		34319
6588	4442	GCACAUCA A CUCUUUCG	13938		34320
6609	4421	AGCCUGUA A UUUCUGCA	13939		34321
6633	4397	CCCAGGAA A UGUCCGCC	13940		34322
6651	4379	UUCUCUCA A UCCACAUA	13941		34323
6667	4363	AUCUGUUG A UUUCCCAG	13942	.1	34324
6678	4352	UCCCAGAA A UCACGAAA	13943		34325
6694	4336	AGCAGCAA A CAUGAGCC	13944	GGCTCATG GGCTAGCTACAACGA TTGCTGCT	34326

Table XI

			1 aut. A		
6708	4322	GCCCCGCG A UAGUCAUU	13945	AATGACTA GGCTAGCTACAACGA CGCGGGGC	34327
6720	4310	UCAUUGGA A UGGCCAUG	13946	CATGGCCA GGCTAGCTACAACGA TCCAATGA	34328
6735	4295	UGGAGUCA A UGUCAAGC	13947	GCTTGACA GGCTAGCTACAACGA TGACTCCA	34329
6759	4271	GCCCUCCG A CGAUGGCA	13948	TGCCATCG GGCTAGCTACAACGA CGGAGGGC	34330
6762	4268	CUCCGACG A UGGCAAAC	13949	GTTTGCCA GGCTAGCTACAACGA CGTCGGAG	34331
6769	4261	GAUGGCAA A CAUUAGGC	13950	GCCTAATG GGCTAGCTACAACGA TTGCCATC	34332
6780	4250	UUAGGCCG A CAGCUGUC	13951	GACAGCTG GGCTAGCTACAACGA CGGCCTAA	34333
6827	4203	CGGUUGGG A UCACAUGC	13952	GCATGTGA GGCTAGCTACAACGA CCCAACCG	34334
6837	4193	CACAUGCA A UCAGUCCA	13953	TGGACTGA GGCTAGCTACAACGA TGCATGTG	34335
6855	4175	CAGCAAGG A UCAUGGGG	13954	CCCCATGA GGCTAGCTACAACGA CCTTGCTG	34336
6902	4128	CAUAGCAG A CUUGCUCC	13955	GGAGCAAG GGCTAGCTACAACGA CTGCTATG	34337
6945	4085	UCUCCCUG A UCAAGCUG	13956	CAGCTTGA GGCTAGCTACAACGA CAGGGAGA	34338
6963	4067	CUAUUCCG A CCAUCAAC	13957	GTTGATGG GGCTAGCTACAACGA CGGAATAG	34339
6970	4060	GACCAUCA A CAGCAGUA	13958	TACTGCTG GGCTAGCTACAACGA TGATGGTC	34340
6995	4035	ACAUCCAG A UUCAAGCA	13959	TGCTTGAA GGCTAGCTACAACGA CTGGATGT	34341
		GCAGCGGA A CAACCACG	13960	CGTGGTTG GGCTAGCTACAACGA TCCGCTGC	34342
7038	3992			AAACGTGG GGCTAGCTACAACGA TGTTCCGC	34343
7041	3989	GCGGAACA A CCACGUUU	13961	CAACGACA GGCTAGCTACAACGA CAAACGTG	34344
7051	3979	CACGUUG A UGUCGUUG	13962		
7063	3967	CGUUGUGA A UGUUAUGG	13963	CCATAACA GGCTAGCTACAACGA TCACAACG	34345
7103	3927	GCCAGUGA A UUCAACAC	13964	GTGTTGAA GGCTAGCTACAACGA TCACTGGC	34346
7108	3922	UGAAUUCA A CACAUCAG	13965	CTGATGTG GGCTAGCTACAACGA TGAATTCA	34347
7119	3911	CAUCAGGG A UCUCCCAG	13966	CTGGGAGA GGCTAGCTACAACGA CCCTGATG	34348
7134	3896	AGAGCAGA A UUUGGCGG	13967	CCGCCAAA GGCTAGCTACAACGA TCTGCTCT	34349
7151	3879	GCAUCGUG A UAAGCCAU	13968	ATGGCTTA GGCTAGCTACAACGA CACGATGC	34350
7170	3860	GAAAGAAA A CAGCCGCC	13969	GGCGGCTG GGCTAGCTACAACGA TTTCTTTC	34351
7180	3850	AGCCGCCA A CAUCAACA	13970	TGTTGATG GGCTAGCTACAACGA TGGCGGCT	34352
7186	3844	CAACAUCA A CAAAAUGU	13971	ACATTITG GGCTAGCTACAACGA TGATGTTG	34353
7191	3839	UCAACAAA A UGUUCUCC	13972	GGAGAACA GGCTAGCTACAACGA TTTGTTGA	34354
7225	3805	UUUGAGAA A CGAUGCCA	13973	TGGCATCG GGCTAGCTACAACGA TTCTCAAA	34355
7228	3802	GAGAAACG A UGCCACCA	13974	TGGTGGCA GGCTAGCTACAACGA CGTTTCTC	34356
7240	3790	CACCAUAA A CACUGGUU	13975	AACCAGTG GGCTAGCTACAACGA TTATGGTG	34357
7298	3732	CCUCCCGA A UUAGAUUC	13976	GAATCTAA GGCTAGCTACAACGA TCGGGAGG	34358
7303	3727	CGAAUUAG A UUCUGCGA	13977	TCGCAGAA GGCTAGCTACAACGA CTAATTCG	34359
7329	3701	CCACCAAG A UGACAUAG	13978	CTATGTCA GGCTAGCTACAACGA CTTGGTGG	34360
7332	3698	CCAAGAUG A CAUAGCGU	13979	ACGCTATG GGCTAGCTACAACGA CATCTTGG	34361
7342	3688	AUAGCGUA A CACAUCAG	13980	CTGATGTG GGCTAGCTACAACGA TACGCTAT	34362
7359	3671	UGUAAGUA A UGCCCCCA	13981	TGGGGGCA GGCTAGCTACAACGA TACTTACA	34363
7369	3661	GCCCCCAA A CACCAGGA	13982	TCCTGGTG GGCTAGCTACAACGA TTGGGGGC	34364
7377	3653	ACACCAGG A CUAGCAGA	13983	TCTGCTAG GGCTAGCTACAACGA CCTGGTGT	34365
7389	3641	GCAGAGCA A UCAGUAUA	13984	TATACTGA GGCTAGCTACAACGA TGCTCTGC	34366
7410	3620	GCAUGCUG A UCUUGGCU	13985	AGCCAAGA GGCTAGCTACAACGA CAGCATGC	34367
7437	3593	UGCGAAGG A CCUCCUGG	13986	CCAGGAGG GGCTAGCTACAACGA CCTTCGCA	34368
7456	3574	GGCCAAGA A CACGACCA	13987	TGGTCGTG GGCTAGCTACAACGA TCTTGGCC	34369
		AGAACACG A CCAGAAGG	13988	CCTTCTGG GGCTAGCTACAACGA CGTGTTCT	34370
7461	3569		13989		34371
7474	3556	AAGGCCCA A CUGAAAAG			34372
7488	3542	AAGGGUCA A UCAUAUCA	13990		
7519	3511	CACUUGUG A CUGCACGA	13991		34373
7557	3473	GUGGUCUG A UCUCCAUA	13992		34374
7574	3456	CCAUACCA A CAGCCGCU	13993		34375
7631	3399	CAGCACCA A UCUGUUAU	13994		34376
7642	3388	UGUUAUCA A CUUUCCGC	13995	<u> </u>	34377
7707	3323	UCAGGGUG A CCGUAGUU	13996	<del></del>	34378
7727	3303	GGGCAGUA A UCGAAGUC	13997	<del></del>	34379
7737	3293	CGAAGUCA A UCUCUACC	13998		34380
7796	3234	GGUCUCCG A UUGUGAUU	13999		34381
7802	3228	CGAUUGUG A UUGCUUCG	14000		34382
7827	3203	CCAGUGUG A CUGGUAUU	14001		34383
7854	3176	UCUCAAGG A UUCCAUCG	14002	CGATGGAA GGCTAGCTACAACGA CCTTGAGA	34384
7897	3133	CGUACAUG A UUUGACUU	14003	AAGTCAAA GGCTAGCTACAACGA CATGTACG	34385
7902	3128	AUGAUUUG A CUUCACCC	14004	GGGTGAAG GGCTAGCTACAACGA CAAATCAT	34386
7914	3116	CACCCAGA A CUGCCCUU	14005	AAGGCAG GGCTAGCTACAACGA TCTGGGTG	34387
7956	3074	UGCUUUCA A UCCAAUAG	14006	CTATTGGA GGCTAGCTACAACGA TGAAAGCA	34388
7961	3069	UCAAUCCA A UAGGACAG	14007	CTGTCCTA GGCTAGCTACAACGA TGGATTGA	34389

Table XI

	2051	CONNINCO A CACCITORO	14000	GTGACCTG GGCTAGCTACAACGA CCTATTGG	34390
7966	3064	CCAAUAGG A CAGGUCAC CACUGUGG A UCGCCAAG	14008	CTTGGCGA GGCTAGCTACAACGA CCACAGTG	34391
7980	3050	UGUUCUUG A CAGCCGUU	14009	AACGGCTG GGCTAGCTACAACGA CAAGAACA	34392
7998	3032		14010	GAAGATCA GGCTAGCTACAACGA TGGAACGG	34393
8010	3020	UUCCAAUG A UGAUCUUC UUCCAAUG A UCUUCGAG	14011	CTCGAAGA GGCTAGCTACAACGA CATTGGAA	34394
8013	3017	UCUCUCUG A CCUUCAGG	14013	CCTGAAGG GGCTAGCTACAACGA CAGAGAGA	34395
8049	2981	CUUCAGGA A CAUCCGAG	14014	CTCGGATG GGCTAGCTACAACGA TCCTGAAG	34396
8059	2971	CUGGUGAG A CCAAAUCC	14015	GGATTTGG GGCTAGCTACAACGA CTCACCAG	34397
8078	2952	GAGACCAA A UCCAAAAU	14016	ATTTTGGA GGCTAGCTACAACGA TTGGTCTC	34398
8083	2947	AAUCCAAA A UCCUCCAC	14017	GTGGAGGA GGCTAGCTACAACGA TTTGGATT	34399
8090	2940 2910	CAAGCGCG A UUCUGAGU	14018	ACTCAGAA GGCTAGCTACAACGA CGCGCTTG	34400
8120	2898	UGAGUCGG A CAUUCCUU	14019	AAGGAATG GGCTAGCTACAACGA CCGACTCA	34401
8132	2880	GUCUCCGG A CCAUCAAC	14020	GTTGATGG GGCTAGCTACAACGA CCGGAGAC	34402
8150	2873	GACCAUCA A CCACAAAG	14021	CTTTGTGG GGCTAGCTACAACGA TGATGGTC	34403
8191	2839	UGGUGCAA A UAAAAUAC	14022	GTATTTTA GGCTAGCTACAACGA TTGCACCA	34404
8196	2834	CAAAUAAA A UACUCUUU	14023	AAAGAGTA GGCTAGCTACAACGA TTTATTTG	34405
8223	2807	UCCAGCCA A UUUCCAAU	14024	ATTGGAAA GGCTAGCTACAACGA TGGCTGGA	34406
8230	2800	AAUUUCCA A UUUUUCCG	14025	CGGAAAAA GGCTAGCTACAACGA TGGAAATT	34407
8266	2764	AGGUGCUG A CUUGUACA	14026	TGTACAAG GGCTAGCTACAACGA CAGCACCT	34408
8292	2738	GUUUCUCA A CCACGACA	14027	TGTCGTGG GGCTAGCTACAACGA TGAGAAAC	34409
8298	2732	CAACCACG A CACUAAGG	14028	CCTTAGTG GGCTAGCTACAACGA CGTGGTTG	34410
8366	2664	CACAUUUG A UGCUCCAG	14029	CTGGAGCA GGCTAGCTACAACGA CAAATGTG	34411
8382	2648	GUCUGGAA A CUGAUCGU	14030	ACGATCAG GGCTAGCTACAACGA TTCCAGAC	34412
8386	2644	GGAAACUG A UCGUAGAC	14031	GTCTACGA GGCTAGCTACAACGA CAGTTTCC	34413
8393	2637	GAUCGUAG A CCGCACAC	14032	GTGTGCGG GGCTAGCTACAACGA CTACGATC	34414
8424	2606	CUUUCUGA A UGAUCUUG	14033	CAAGATCA GGCTAGCTACAACGA TCAGAAAG	34415
8427	2603	UCUGAAUG A UCUUGGCU	14034	AGCCAAGA GGCTAGCTACAACGA CATTCAGA	34416
8459	2571	UCAGGGUA A UACUUGUA	14035	TACAAGTA GGCTAGCTACAACGA TACCCTGA	34417
8503	2527	GUGUAUGA A CACUCCAC	14036	GTGGAGTG GGCTAGCTACAACGA TCATACAC	34418
8538	2492	GCCGGCUG A UGUCUAUG	14037	CATAGACA GGCTAGCTACAACGA CAGCCGGC	34419
8592	2438	AGAGCAGA A CUCCUCCA	14038	TGGAGGAG GGCTAGCTACAACGA TCTGCTCT	34420
8601	2429	CUCCUCCA A CUGCGAGA	14039	TCTCGCAG GGCTAGCTACAACGA TGGAGGAG	34421
8611	2419	UGCGAGAA A CGUGAGAG	14040	CTCTCACG GGCTAGCTACAACGA TTCTCGCA	34422
8626	2404	AGCUAUGG A CCUAUCAC	14041	GTGATAGG GGCTAGCTACAACGA CCATAGCT	34423
8643	2387	GAGCAUUG A UGCCCAUC	14042	GATGGGCA GGCTAGCTACAACGA CAATGCTC	34424
8656	2374	CAUCCACA A CAGGAGAG	14043	CTCTCCTG GGCTAGCTACAACGA TGTGGATG	34425
8674	2356	CCCCAGCA A UCCUUGCG	14044	CGCAAGGA GGCTAGCTACAACGA TGCTGGGG	34426
8692	2338	UAUCCAGG A CAUGCCUC	14045	GAGGCATG GGCTAGCTACAACGA CCTGGATA	34427
8704	2326	GCCUCCGA A CAGUGAGC	14046	GCTCACTG GGCTAGCTACAACGA TCGGAGGC	34428
8716	2314	UGAGCGGA A UGCUCCUC	14047	GAGGAGCA GGCTAGCTACAACGA TCCGCTCA	34429
8728	2302	UCCUCCGA A CACUUGAU	14048	ATCAAGTG GGCTAGCTACAACGA TCGGAGGA	34430
8735	2295	AACACUUG A UGGACAGC	14049	GCTGTCCA GGCTAGCTACAACGA CAAGTGTT	34431
8739	2291	CUUGAUGG A CAGCCUUC	14050	GAAGGCTG GGCTAGCTACAACGA CCATCAAG	34432
8751	2279	CCUUCCCA A CUGAGGUG	14051	CACCTCAG GGCTAGCTACAACGA TGGGAAGG	34433
8761	2269	UGAGGUGA A CACCCCUC		GAGGGGTG GGCTAGCTACAACGA TCACCTCA	34434
8772	<del></del>	CCCCUCCA A CUGAUCCA		TGGATCAG GGCTAGCTACAACGA TGGAGGGG	
8776		UCCAACUG A UCCAAAGU	14054		
8853	2177	CUUUGCCA A UGCUGCUU	14055		
8866	2164	GCUUCCAG A CUUGUGCC		GGCACAAG GGCTAGCTACAACGA CTGGAAGC	
8876	2154	UUGUGCCA A UGGUGAUU		AATCACCA GGCTAGCTACAACGA TGGCACAA	
8882	2148	CAAUGGUG A UUGAUCUG		CAGATCAA GGCTAGCTACAACGA CACCATTG	34440
8886	2144	GGUGAUUG A UCUGUUGU		ACAACAGA GGCTAGCTACAACGA CAATCACC	+
8941	2089	UGGUUCCA A UUCAAUCA		TGATTGAA GGCTAGCTACAACGA TGGAACCA	34442
8946	2084	CCAAUUCA A UCAGGACC		GGTCCTGA GGCTAGCTACAACGA TGAATTGG	34443
8952	2078	CAAUCAGG A CCUUAGCG	+	CGCTAAGG GGCTAGCTACAACGA CCTGATTG	<del></del>
8979		CCACUGAA A CAAAAGGG	14063		34445
8991	2039	AAGGGUUG A CAGUGACC	14064	<u> </u>	
8997	2033	UGACAGUG A CCAAUCUG	14065		
9001	2029	AGUGACCA A UCUGCCCA	14066		34448
9028	2002	GUCGUUCA A UGAAGCCA	14067		34449
9040	1990	AGCCACUG A CGAGAUAG	14068		
9045	1985	CUGACGAG A UAGGAACU	14069		+
9051	1979	AGAUAGGA A CUUUGCAA	14070	TTGCAAAG GGCTAGCTACAACGA TCCTATCT	34452

					24452
9085	1945	GUACUGCA A UUCCAACA	14071	TGTTGGAA GGCTAGCTACAACGA TGCAGTAC	34453
9091	1939	CAAUUCCA A CACCACAG	14072	CTGTGGTG GGCTAGCTACAACGA TGGAATTG	34454
9107	1923	GUGCCGUG A CCUGUGUC	14073	GACACAGG GGCTAGCTACAACGA CACGGCAC	34455
9133	1897	CCCAAGAA A CUUGAAAG	14074	CTTTCAAG GGCTAGCTACAACGA TTCTTGGG	34456
9149	1881	GCCUUUGA A CAGACGCC	14075	GGCGTCTG GGCTAGCTACAACGA TCAAAGGC	34457
9153	1877	UUGAACAG A CGCCAUAG	14076	CTATGGCG GGCTAGCTACAACGA CTGTTCAA	34458
9175	1855	UCCCUUCA A CUGCAAUU	14077	AATTGCAG GGCTAGCTACAACGA TGAAGGGA	34459
		CAACUGCA A UUUUUCCA	14078	TGGAAAAA GGCTAGCTACAACGA TGCAGTTG	34460
9181	1849				
9209	1821	CACUUCAA A UGACCCGA	14079	TCGGGTCA GGCTAGCTACAACGA TTGAAGTG	34461
9212	1818	UUCAAAUG A CCCGACGU	14080	ACGTCGGG GGCTAGCTACAACGA CATTTGAA	34462
9217	1813	AUGACCCG A CGUCAACU	14081	AGTTGACG GGCTAGCTACAACGA CGGGTCAT	34463
9223	1807	CGACGUCA A CUUGACAG	14082	CTGTCAAG GGCTAGCTACAACGA TGACGTCG	34464
9228	1802	UCAACUUG A CAGUGUUG	14083	CAACACTG GGCTAGCTACAACGA CAAGTTGA	34465
9244	1786	GCUUGAAA A UUCCACAG	14084	CTGTGGAA GGCTAGCTACAACGA TTTCAAGC	34466
9255	1775	CCACAGGA A UGGCUCCA	14085	TGGAGCCA GGCTAGCTACAACGA TCCTGTGG	34467
9275	1755	AAAGCUUG A UGCAGAGC	14086	GCTCTGCA GGCTAGCTACAACGA CAAGCTTT	34468
9301	1729	UGAGCCCA A UGCUAUCA	14087	TGATAGCA GGCTAGCTACAACGA TGGGCTCA	34469
	1717	UAUCACAG A CUGCUUCG	14088	CGAAGCAG GGCTAGCTACAACGA CTGTGATA	34470
9313					<b></b>
9340	1690	UUCCUCAA A CUCCAUUA	14089	TAATGGAG GGCTAGCTACAACGA TTGAGGAA	34471
9349	1681	CUCCAUUA A CGUCUCUC	14090	GAGAGACG GGCTAGCTACAACGA TAATGGAG	34472
9412	1618	GUCCAUGA A CCACUCAC	14091	GTGAGTGG GGCTAGCTACAACGA TCATGGAC	34473
9422	1608	CACUCACG A UGGACCAA	14092	TTGGTCCA GGCTAGCTACAACGA CGTGAGTG	34474
9426	1604	CACGAUGG A CCAAGAAC	14093	GTTCTTGG GGCTAGCTACAACGA CCATCGTG	34475
9433	1597	GACCAAGA A CGUCUUUG	14094	CAAAGACG GGCTAGCTACAACGA TCTTGGTC	34476
9447	1583	UUGUUCCA A CAGUCAUC	14095	GATGACTG GGCTAGCTACAACGA TGGAACAA	34477
9477	1553	UGGUGUCA A UCCCUGAC	14096	GTCAGGGA GGCTAGCTACAACGA TGACACCA	34478
9484	1546	AAUCCCUG A CCGUGGUU	14097	AACCACGG GGCTAGCTACAACGA CAGGGATT	34479
9558	1472	CAGGAGUG A UGCUGAAU	14098	ATTCAGCA GGCTAGCTACAACGA CACTCCTG	34480
9565	1465	GAUGCUGA A UCUCCCUG	14099	CAGGGAGA GGCTAGCTACAACGA TCAGCATC	34481
9588	1442	UGGCUCCA A CCUGUGUG	14100	CACACAGG GGCTAGCTACAACGA TGGAGCCA	34482
			14101	CTGTGGAG GGCTAGCTACAACGA CGCACGGA	34483
9613	1417	UCCGUGCG A CUCCACAG			
9636	1394	GUCCAUGG A CAAAAAUG	14102	CATTITIG GGCTAGCTACAACGA CCATGGAC	34484
9642	1388	GGACAAAA A UGGCCACU	14103	AGTGGCCA GGCTAGCTACAACGA TTTTGTCC	34485
9660	1370	CGUACUUG A UAUUCUCU	14104	AGAGAATA GGCTAGCTACAACGA CAAGTACG	34486
9675	1355	CUUUCAAG A UGGUUCUU	14105	AAGAACCA GGCTAGCTACAACGA CTTGAAAG	34487
9709	1321	GCAGGCAA A UUUGGCGC	14106	GCGCCAAA GGCTAGCTACAACGA TTGCCTGC	34488
9726	1304	AUGUGUCA A UGCUUCCU	14107	AGGAAGCA GGCTAGCTACAACGA TGACACAT	34489
9742	1288	UUUGCCAA A UAAUCCGC	14108	GCGGATTA GGCTAGCTACAACGA TTGGCAAA	34490
9745	1285	GCCAAAUA A UCCGCAGC	14109	GCTGCGGA GGCTAGCTACAACGA TATTTGGC	34491
9863	1167	GUGGAGAG A UCGCUGAC	14110	GTCAGCGA GGCTAGCTACAACGA CTCTCCAC	34492
9870	1160	GAUCGCUG A CGGUAGCC	14111	GGCTACCG GGCTAGCTACAACGA CAGCGATC	34493
9881	1149	GUAGCCAA A UAGCAAUA	14112	TATTGCTA GGCTAGCTACAACGA TTGGCTAC	34494
<u> </u>		<del></del>	14113		34495
9887	1143	AAAUAGCA A UAACUGCG			
9890	1140	UAGCAAUA A CUGCGGAC	14114		34496
9897	1133	AACUGCGG A CCUCUGCC	14115		34497
9912	1118	CCAGGUUG A CCGCCUCC	14116		34498
9942	1088	UCACAUCG A UGGUAGGC	14117	<del> </del>	34499
9961	1069	GUCCUUAG A CAUGAUAG	14118		34500
9966	1064	UAGACAUG A UAGUCACG	14119	CGTGACTA GGCTAGCTACAACGA CATGTCTA	34501
9993	1037	CUUCGAGA A CCAAAUCC	14120	GGATTTGG GGCTAGCTACAACGA TCTCGAAG	34502
9998	1032	AGAACCAA A UCCACCCA	14121	TGGGTGGA GGCTAGCTACAACGA TTGGTTCT	34503
10018	1012	UGCUCCAG A CACUCCUU	14122	AAGGAGTG GGCTAGCTACAACGA CTGGAGCA	34504
10090	940	CAAAAGCA A UAGCACGA	14123	TCGTGCTA GGCTAGCTACAACGA TGCTTTTG	34505
10098	932	AUAGCACG A CAAACACA	14124		34506
10102	928	CACGACAA A CACAACUC	14125		34507
10107	923	CAAACACA A CUCUCUGC	14126		34508
10139	891	AGCAUCCA A CCAAUGAC	14127		34509
	<del></del>				
10143	887	UCCAACCA A UGACGGCU	14128	AGCCGTCA GGCTAGCTACAACGA TGGTTGGA	34510
10146	884	AACCAAUG A CGGCUGCC	14129		34511
10182	848	UCCUCAAG A UCCAUGAU	14130		34512
10189	841	GAUCCAUG A UUCUGUUU	14131	AAACAGAA GGCTAGCTACAACGA CATGGATC	34513
10205	825	UUUACCAA A UACCUUGU	14132	ACAAGGTA GGCTAGCTACAACGA TTGGTAAA	34514
10288	742	UGUCAGUG A CCUCCGAC	14133	GTCGGAGG GGCTAGCTACAACGA CACTGACA	34515
			<del></del>		<del></del>

wo	02/068637		Table XI	PCT/US01/48350	
10295	735	GACCUCCG A CUGCGUCU	14134	AGACGCAG GGCTAGCTACAACGA CGGAGGTC	34516
10338	692	CAUACCUG A CGUAGACU	14135	AGTCTACG GGCTAGCTACAACGA CAGGTATG	34517
10344	686	UGACGUAG A CUGCUGAC	14136	GTCAGCAG GGCTAGCTACAACGA CTACGTCA	34518
10351	679	GACUGCUG A CUUUGUGC	14137	GCACAAAG GGCTAGCTACAACGA CAGCAGTC	34519
10364	666	GUGCACCA A CAGUCGAU	14138	ATCGACTG GGCTAGCTACAACGA TGGTGCAC	34520
10371	659	AACAGUCG A UGUCUUCU	14139	AGAAGACA GGCTAGCTACAACGA CGACTGTT	34521
10382	648	UCUUCUGG A UCAUUACC	14140	GGTAATGA GGCTAGCTACAACGA CCAGAAGA	34522
10396	634	ACCAGCCG A CAGCACUG	14141	CAGTGCTG GGCTAGCTACAACGA CGGCTGGT	34523
10419	611	CAUAAGUG A UAGUAUCA	14142	TGATACTA GGCTAGCTACAACGA CACTTATG	34524
10458	572	UUGCUCUG A CAAUGCAU	14143	ATGCATTG GGCTAGCTACAACGA CAGAGCAA	34525
10461	569	CUCUGACA A UGCAUAGG	14144	CCTATGCA GGCTAGCTACAACGA TGTCAGAG	34526
10491	539	CUGUUGGA A UCGUGAUG	14145	CATCACGA GGCTAGCTACAACGA TCCAACAG	34527
10497	533	GAAUCGUG A UGACAUCU	14146	AGATGTCA GGCTAGCTACAACGA CACGATTC	34528
10500	530	UCGUGAUG A CAUCUGUG	14147	CACAGATG GGCTAGCTACAACGA CATCACGA	34529
10509	521	CAUCUGUG A CGUCAGUA	14148	TACTGACG GGCTAGCTACAACGA CACAGATG	34530
10563	467	AGAGGGUA A CUGCUCCU	14149	AGGAGCAG GGCTAGCTACAACGA TACCCTCT	34531
10581	449	CGCUGGCG A UCAGGCCA	14150	TGGCCTGA GGCTAGCTACAACGA CGCCAGCG	34532
10590	440	UCAGGCCA A UCAUGACU	14151	AGTCATGA GGCTAGCTACAACGA TGGCCTGA	34533
10596	434	CAAUCAUG A CUGCAAUU	14152	AATTGCAG GGCTAGCTACAACGA CATGATTG	34534
10602	428	UGACUGCA A UUCCGGUC	14153	GACCGGAA GGCTAGCTACAACGA TGCAGTCA	34535
10646	384	CUCCGCCG A UUGAUAGC	14154	GCTATCAA GGCTAGCTACAACGA CGGCGGAG	34536
10650	380	GCCGAUUG A UAGCACUG	14155	CAGTGCTA GGCTAGCTACAACGA CAATCGGC	34537
10685	345	UUCUUAAA A CUCAGAAG	14156	CTTCTGAG GGCTAGCTACAACGA TTTAAGAA	34538
10733	297	CUCCAUCG A UCCAGCAC	14157	GTGCTGGA GGCTAGCTACAACGA CGATGGAG	34539
10758	272	UCGGAGCA A UUGCUGUG	14158	CACAGCAA GGCTAGCTACAACGA TGCTCCGA	34540
10768	262	UGCUGUGA A CCUGAAGA	14159	TCTTCAGG GGCTAGCTACAACGA TCACAGCA	34541
10777	253	CCUGAAGA A CGCCAAGA	14160	TCTTGGCG GGCTAGCTACAACGA TCTTCAGG	34542
10792	238	GAGAGCCA A CACAAAUC	14161	GATTTGTG GGCTAGCTACAACGA TGGCTCTC	34543
10798	232	CAACACAA A UCGUAUUG	14162	CAATACGA GGCTAGCTACAACGA TTGTGTTG	34544
10821	209	UGCCGUCG A UCAGGCUC	14163	GAGCCTGA GGCTAGCTACAACGA CGACGGCA	34545
10831	199	CAGGCUCA A CAUAGCCC	14164	GGGCTATG GGCTAGCTACAACGA TGAGCCTG	34546
10851	179	UCAGUCCA A UCAAGGAC	14165	GTCCTTGA GGCTAGCTACAACGA TGGACTGA	34547
10858	172	AAUCAAGG A CAACACGC	14166	GCGTGTTG GGCTAGCTACAACGA CCTTGATT	34548
10861	169	CAAGGACA A CACGCGGG	14167	CCCGCGTG GGCTAGCTACAACGA TGTCCTTG	34549
10893	137	GCAUAUUG A CAGCCCGG	14168	CCGGGCTG GGCTAGCTACAACGA CAATATGC	34550
10930	100	UUUCUUAG A CAUCGAGA	14169	TCTCGATG GGCTAGCTACAACGA CTAAGAAA	34551
10938	92	ACAUCGAG A UCUUCGUG	14170	CACGAAGA GGCTAGCTACAACGA CTCGATGT	34552
10954	76	GCUAAGAA A CAGCUCGC	14171	GCGAGCTG GGCTAGCTACAACGA TTCTTAGC	34553
10972	58	CUGUGUUA A UUGUUGUU	14172	AACAACAA GGCTAGCTACAACGA TAACACAG	34554
10982	48	UGUUGUUA A UCCUCACA	14173	TGTGAGGA GGCTAGCTACAACGA TAACAACA	34555
10992	38	CCUCACAA A CACUACUA	14174	TAGTAGTG GGCTAGCTACAACGA TTGTGAGG	34556

Input Sequence = AF196835\_rc. Cut Site = R/Y
Arm Length = 8. Core Sequence = GGCTAGCTACAACGA
AF196835\_rc reverse complement of West Nile virus strain NY99-flamingo38299, complete genome

Table XII: WNV minus strand Amberzyme and Target Sequence

Table XII

Ров	Pos	Substrate	Seg ID	Ribozyme	Rz Seq
]:	(+8cr)	ı.	0000		24567
10	11020	0	12272	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34557
16	11014	guarucuc e caccacca	12273	UGGUGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAACAC	34558
25	11005	CACCACCA G CCACCAUU	12274	AAUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUG	34559
34	10996	CCACCAUU G UCGGCGCA	12275	UGCGCCGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUGGUGG	34560
38	10992	CAUUGUCG G CGCACUGU	12276	ACAGUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACAAUG	34561
40	10990	unaucaac a cacuanac	12277	GCACAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GCCGACAA	34562
45	10985	GGCGCACU G UGCCGUGU	12278	ACACGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCGCC	34563
47	10983	CGCACUGU G CCGUGUGG	12279	CCACACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGCG	34564
50	10980	ACUGUECC G UGUGECUG	12280	CAGCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCACAGU	34565
52	10978	uevacceu a vaccueau	12281	ACCAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCACA	34566
55	10975	accanana a cuaannan	12282	ACAACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGGC	34567
59	10971	uguagena a unaugeaa	12283	CUGCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCACA	34568
62	10968	agendant a ticchange	12284	GCUCUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGCC	34569
64	10966	CUGGUUGU G CAGAGCAG	12285	CUGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAACCAG	34570
69	10961	UGUGCAGA G CAGAAGAU	12286	AUCUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCACA	34571
84	10946	AUCUCCUA G UCUAUCCC	12287	GGGAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAGAU	34572
92	10935	UAUCCCAG G UGUCAAUA	12288	UAUUGACA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAUA	34573
9.4	10933	UCCCAGGU G UCAAUAUG	12289	CAUAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUGGGA	34574
105	10925	GUCAAUAU G CUGUUUUG	12290	CAAAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUUGAC	34575
108	10922	AAUAUGCU G UUUUGUUG	12291	CAACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUAUU	34576
113	10917	acuannua a unanaana	12292	CACCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAGC	34577
116	10914	autunguu a ugauguuu	12293	AAACACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAC	34578
119	10911	unaunana a uaunnuan	12294	ACABABACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAACAA	34579
121	10909	amenea e munenee	12295	CCACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAAC	34580
126	10904	gauguum a uggcacge	12296	CCGUGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAACACC	34581
129	10601	апиливив в съсвевви	12297	ACCCCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACAAAAC	34582
136	10894	GGCACGGG G UCUCCACU	12298	AGUGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGUGCC	34583
153	10877	AACCUCUA G UCCUUCCC	12299	GGGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34584
172	10858	GACCUACA G CUUCAGUC	12300	GACUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGGUC	34585
178	10852	CAGCUUCA G UCAGGCUG	12301	CAGCCUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCUG	34586
183	10847	Ð	12302	CGGCCCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGACUGA	34587
188	10842	D -	12303	GUGCACGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCUG	34588
191	10839	acuagacc a ugcacuuu	12304	AAAGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCCAGC	34589
193	10837	פ	12305	UDADAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCCCA	34590
205	10825		12306	AGACCCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUUUAAA	34591
210	10820	ACCGCGGG G UCUCCUCU	12307	AGAGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGCGGU	34592

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235         10795         GIRCCUUDIC G CECUGGUY         12319         AACCAGGG GARAGGAAACUCCUUCAAGGACAUCGUCCOGG           249         10778         UCGOCCOGO         UURACCCC         13310         GGGGGGAAACUCCUUCAAGGACAUCGUCCOGG           251         10771         UURCCCCGG         GGGGGAAACUCCUUCAAGGACAUCGUCCGGG           265         10776         GGGCGGG         CURAGGAAACUCCCUUCAAGGACAUCGUCCGGG           270         10760         AGGGCCG         GGAGGAAACUCCCUUCAAAGGACAUCGUCCGGG           271         10773         CURAGGCC         12313         ACCACCCA         GGAGGAAACUCCUUCAAAGGACAUCGUCCGGG           271         10774         CGCGGGGG         UUGGCCCU         GGAGGAAACUCCUUCAAAGGACAUCGUCCGGG           281         10775         CGCGGGGG         UUGGCCCC         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           281         10774         AGGGGGUO         UUGGCCCC         12314         ACGCCCCGGGGGGAAACUCCGUCCGGGGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGAGAACUCCGUCCG	227 10803	03 AACCUCUA G UCCUTUCG	3 12308	CGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGAGGUU	34593
10789   UCGCCCUG G UUAACACC   12310   GGUGUUAA   10781   UUAACCGGG G CUAGGGCC   12311   GGCCCUAG G 10762   GGGCUAGG G CUAGGGCC   12312   GGCCCUAGG G CUAGGGCC   12313   GCCCCCACG G UGGGCCGU   12314   ACGCCCCACG G UGGGCCGU   12315   ACGCCCCACG G UGGGCCGU   12316   ACGCCCCACG G UGGGCCGU   12316   ACGCCCCACG G UUAACCCA   10753   CGUGGGGC G UUGGUUUG   12316   AACCCAACG G UUAACCCA   10719   GGCGUUGG G CUUCGUU   12311   AACGCCAACG G UUAACCCA   10719   GGCGUUGG G CCUUCGUC   12321   AACAAAGG G UUAACCCA G UCCCCCGC   12321   CGAUGGUAA   10719   CUCCUGG G CACUCUCC   12323   CGAGGCAUA   10719   CUCCUGG G CACUCUCC   12324   CUACUCUC   10680   AGCACCCC G UAGCCCCG   12324   CUACUCUC   10680   AGCACCCC G UAGCCCCC   12331   AUGUCCACG   10675   GCCCGUAAC G CCCUCUCU   12331   AUGUCCACG   10675   GCCCGUAAC G CCCUCCCAC   12331   AUGUCCACG   10675   GCCCUUAAC G CCCUCCCC   12334   GGACCCCC   10680   ACCACCCC G UAGCCCCC   12334   GGACCCCC   10680   ACCACCCC G UACCCCC G UACCCC G UACCCCC G UACCCC G U	┝	guccunuc g		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34594
10771         UURCCGGG G CURGGGCC         12311         GGCCCUBA           10765         GGGCUAGG         12312         CCACGCGG           10765         CGGGUAGG         12313         GCCCCACG           10760         AGGGCCGC         CGUGGGGC         12313         ACCCCCACG           10755         CGCGUGGG         G UGGGUAGU         12316         AACCCAACCA           10745         GGCGUGGG         G UGGGUGGU         12316         AACCACCAA           10745         GGCGUGGG         G UUGGCUU         12316         AACCACCAA           10745         GGCGUGGG         G UUGGCUU         12319         AGGCCCAA           10746         GGCGUGGG         G CCUUGCU         12320         CAAACCACA           10719         UUGCCUUU         UUAACCCCA         12321         CAAUGUG           10710         UUAACCCAG         UCCCCCAGG         12322         GCGUGCAGA           10680         UUCCCCCAG         UCCCCCCAGG         12322         GCGUGCAGA           10681         UUCCCCCAGG         CACUCUCC         12323         GCGUGCAGA           10682         UCCCCCAGGG         CACUCUCC         12323         GCGCUAGA           10680         UCCCCCCAGG         UCCCCCCAGG </td <td>十</td> <td>DCGCCCUG G</td> <td>-</td> <td>GEUGUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGA</td> <td>34595</td>	十	DCGCCCUG G	-	GEUGUUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCGA	34595
10765   GGGCUAGG G CCGCGUGG   12312   CCACGCGGG C CGUGGGGC   12313   ACGCCCACG C CGUGGGGC   12314   ACGCCCCACG C CGUGGGGC   12314   ACGCCCCACG C CGUGGGGC   12314   ACGCCCCACG C CGCGUGGU   12315   AACCCAACG C CGCGUGGU   12315   AACGCCCACG C CGCGUGGU   12315   AACGCCCAACG C CGCGUGGU   12316   AACGCCCAACG C CGCGUGGU   12319   CGGGUUGA C CACCCCACG C CGCGUGGU   12320   CAGCCCACG C CCCCCCCACG C CCCCCCCCCACG C CCCCCCCC	╁	UNACCEGE G	厂	GGCCCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGGUAA	34596
10762   CUNGGGC G CGUGGGGC   12313   GCCCCACG   10760   AGGCCGC G UGGGGCGU   12314   ACGCCCACG   10753   CGCGGUGG G UGGGCGU   12315   AACAAACGA   10745   GGCGGUGG G UGGCUUGU   12315   AACAAAAGG   10745   GGCGGUUG G UUACCCU   12318   AACAAAAGG   10739   UUGCCUU G UUACCCCA   12320   CGGGUUAA   10739   UUGCCUU G UUACCCCA   12320   CGGGUUAA   10710   CUCCGCGG G CACACUCC   12323   CGGGUCUG   10711   GCACUCUC G CACACUCC   12323   GCAGUCUG   10687   GCAGACUC G CACACUCC G CACACUCC   12323   GCAGUCUG   10687   GCAGAGUC G CACACUCC	┢	GGGCUAGG G		CCACGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUAGCCC	34597
10750 AGGGCGC G UGGGGCGU 12314 ACGCCCCA 10755 CGCGUGGG G CGUUGGUU 12315 AACCAACG 10753 CGUGGGC G UUGCUUUGU 12317 AAGGCAAA 10749 GGGCGUGG G UUGCCUU 12317 AAGGCAAA 10719 UUGCCUU G UUAACCCA 12320 CAGGAGGA 10719 UUGCCUU G UUAACCCA 12321 UGGGUUAA 10719 CCCCCAGA G CACUAUCG 12323 GCAGAGGA 10719 CCCCCAGA G CACUCUCC G CAGAGAGA 12321 CCGAUAGUG 10690 UCCGCAGA G CACUCUCC G CAGAGAGA 12323 GCAGAGAGA 10690 CCCCCAGA G CACUCUCC G CAGAGAGA 12323 GCAGAGAGA 10680 AGCACAGA G CACUCUCC G CAGAGAGA G CACUCUCCAG 12329 ACGACACCA G CCCGUAACG G CCCUAACG G CACUCACAG G CCCGUAACG G CCCCGCUC G CACAGAGA G CCCGAACACG G CCCCCCCC G CACAGAGA G CCCCCCCC	十	CUAGGGCC G	<del> </del>	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34598
10755         CGCGUGGG G CGUUGGUU         12315         AACCAACG           10753         CGUGGGGUU G UUGGUUUG         12316         CAAACCAA           10749         GGGCGUU G UUGGUUUG         12317         AAGGCAA           10745         GUUGGCGUU G UUGGUUUG         12318         AACAAAGG           10739         UUGCCUUU G UUAACCCA         12320         CAGGAGGA           10730         UUAACCCA G UCCUCUCC         12321         CAGGAGUA           10690         CUCCUGGG G CACUUUCC         12322         GCAGGUUA           10691         CUCCGCAGA G UAGCACGC         12323         GCAGGUCUA           10680         UCCGCAGACU G CACUCUCC         12323         GCAGUCUC           10681         AGUAGCAC G CAGACAGC         12324         CCACGCCG           10680         UCCCGCAGA G UAGCACGC         12324         CCACGCCG           10680         ACCCCGAGCA         UAGCACGC         UAGCACGCC         UAGCACGCC           10680         ACCCGUAGC         CCCUUAGAC         12324         CCACGCCACA           10680         ACCCGUAGC         CCCUUACAC         12332         CCUCCACCA           10680         ACCCGUAGC         UAGCACCCG         UAGCACCCC         UAGCACCCC         UAGCACCCC	╆	AGGGCCGC G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34599
10753         CGUGGGGC G UUGGUUUG         12317         AAGAACGAA           10749         GGGCGUUG G UUGGCUU         12317         AAGGCAAA           10745         GUUGGUUU G UUAACCCA         12318         AACAAAGG           10739         UUGACUUU G UUAACCCA         12320         CAGGAGGA           10730         UUAACCCA G UCCUCCUG         12321         CAGGCGGA           10731         GCACUANC G CACUCUCC         12322         GCAGGCGA           10704         CGCAGACU G CACUCUCC         12323         GCAGGCGA           10680         ACCCACAGA G UAGCCCGU         12323         GCAGGCGA           10680         ACCCACACAG         CACCACACAG         12324         CCACACACAG           10680         ACCCACACAG         CACACACAGC         12325         GCACACACAG           10680         ACCCACACAG         CACACACAGC         12325         GCACACACAG           10680         ACCCACACAG         UAGCACCC         12325         GCACACACAG           10680         ACCCCACAGA         UAGCACCCG         12324         CACCCACAGA           10680         ACCCCACAGA         UAGCACCCG         12333         CACCACACAGA           10680         ACCCCGUAGA         UAGCACCCCA         12334         ACGCC	+	පෙහෙයෙය අ	┢	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34600
10749 GGGCGUUG G UUUGCCUU 12317 AAGGCAAA 10745 GUUGGUUU G CCUUUGUU 12318 AACAAAGG 10739 UUGCCUUU G UUAACCCA 12319 UGGGUUAA 10730 UUAACCCA G UCCUCCUG 12321 CGAGAGGA 10710 CUCCUGGG G CACUAUCG 12321 CGAGAGGG 10711 GGACUAUC G CAGAGUAG 12321 CGAUAGUG 10695 CACUCUCC G CAGAGUAG 12322 GCAGUCUG 10696 UCCGCAAA G UACCACAC 12323 GCAGUCUG 10687 GCAGAGUU G CACUACCC 12323 GCAGUCUG 10687 GCAGAGUU G CACUACAC 12332 GCAGUCUG 10687 GCAGAGUU G CACUACAC 12332 CCACCCCAC 10687 AGGACGCC G UAGCGUGG 12322 CCACCCCAC 10667 GCAGUAGC G UAGCACAC 12333 UGUUCAGA 10667 GCACUUCAAA G UUACAACA 12333 UGUUCAGA 10667 GCACUUCAAA G UUACAACA 12333 UGUUCAGA 10667 GCACUUCAAA G UUACAACA 12333 UGUUCAAAA 10650 GCACUUCAAA G UUACAACA 12333 UGUUCAAAA 10651 CCCAAAACC G CUUACAUG 12333 CCUCAGAAA 10630 ACUUCAAC G CUUACAUG 12333 CCUCAGAAA 10631 AUCACUUC G CGCCUUUG 12334 GCCUCCAAA 10590 ACUUCAAC G CUUACAUG 12334 GCCUCCAAA 10585 GCGGUUUA G UCCCCCUC 12334 GCCUCCAAA 10586 GCGGUUAA G UUCACACC 12334 GCCUCCAAA 10587 GCGGGUUAA G UUCACACC 12334 GCCUCCAAA 10586 GCGGCUUA G UCCUCCUC 12334 GCCUCCOAA 10587 GUUCACCC G UUCACACC 12334 GCCUCCCAA 10586 GCGGUUAA G UCCUCCUC 12334 GCCUCCOAA 10587 GUUCACCC G UUCACACC 12334 GCCUCCOC 10580 ACUUCACC G UCCUCCUC 12334 GCCUCCOC 10580 ACUUCACC G UCCCCCCA 12344 GCCUCCCOC 10580 ACUCCCCA G CCCUCCCC 12344 GCCUCCCOC 10580 ACUCCCCA G CCCCCCCC 12344 GCCCUCCOC 10580 ACUCCCCA G CCCCCCCC 12343 GCCCUCCOC 10580 ACCUCCCA G CCCCCCCC 12344 GCCCCCCA 10580 ACCUCCCC G CCCCCCCC 12344 GCCCCCCC 10580 ACCUCCCC G CCCCCCCC 12341 GCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	╁	ടെയുളളള്ള ദ	H	CAAACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCCCACG	34601
10745   GUUGGUUU G CCUUUGUU   12318   AACAAAGG   10739   UUGCCUUU G UUAACCCA   12319   UGGGUUAA   10719   CUCCUGGG G CACUAUCG   12321   CGAUAGUG   10711   GCACUANC G CAGAACGC   12322   GCAGUCUG   10711   GCACUANC G CAGAACGC   12322   GCAGUCUG   10695   CACUCUCC G CAGAACGC   12324   CUACUCUG   10690   UCCGCAGA G UAGCACGC   12324   CUACUCUG   10687   GCAGACGC G UAGCACGC   12326   GCGUGCUA   10680   AGACGCC G UAGCACGC   12326   ACGCCGUA   10677   ACGCCGUA G CAGACGCG   12328   CCACGCCA   10672   AGACGCC G UAGCGUGG   12339   AGACCACG   10672   ACGCCGUA G UAGCCUCA   12331   AUGUCAGA   10672   GCAGACCC G UAGCGUCG   12332   CCUCAAAG   10672   GCAGACGC G UAGCGUGG   12332   CCUCAAAG   10672   GCAGACGC G UAGCGUCG   12334   GGACCCCA   10672   GCACGCUAG G UCCUCCUU   12334   GGACCCCCA   10672   GCACGCCCA   12334   GGACCCCCA   10672   GCACGCCCA   12334   GGACCCCCA   10672   GCACGCCCA   12334   GGACCCCCA   10672   GCACGCCCCA   12334   GGACCCCCA   10672   GCACGCCC G UCCCCCCA   12334   GGACCCCCA   10673   CCACGCCCCA   10673   CCACGCCCCA   10673   CCACGCCCCA   10673   CCACGCCCCA   10674   CCACGCCCCA   10674   CACGCCCCA   10674   CACCCCCCA   10674   CACCCCCCCA   10674   CACCCCCCCA   10674   CACCCCCCCA   10674   CACCCCCCCA	$\vdash$	egecenne e	r	AAGGCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCC	34602
10739   UUGCCUUU G UUAACCCA   12319   UGGGUUAAA   10730   UUAACCCA G UCCUCCUG   12320   CAGGAGGA   10719   CUCCUGGG G CACUANCG   12321   CGAUAGUG   10711   GCACUANC G CAGUCUCC   12322   GCAGUCUG   10695   CACUCUCC G CAGACUCC   12323   GGAGAGUG   10690   UCCGCAGA G UAGCACGC   12324   CUACUCCUG   10687   GCAGUCUC G CAGAGUAG   12324   CUACUCCUG   10687   GCAGAGUA G CACGCCGU   12325   GCGUGCUA   10687   GCAGAGUA G CACGCCGU   12326   ACGGCGUG   10687   ACGCCGUA G CACGCCGU   12326   ACGCCGUA   10677   ACGCCGUA G CACGCCGU   12329   ACGCCGUA   10672   ACGCCGUA G CACGCCCGU   12329   ACGCCGUA   10672   ACGCCGUA G CACGCCCC   12334   ACGCCGCA   10672   ACGCCGUA G CAUUGAACA   12334   ACGCCGUA   10652   ACGCCGUA G CAUUCAACA   12334   ACGCCCCA   10650   ACCUCCACA   12335   ACGCCCCCA   10650   ACCUCCACA   12335   ACGCCCCA   10650   ACCUCCCC G CACCCCCC   12334   ACGCCCCA   10650   ACCUCCCC G CACCCCCC   12335   CACCCCCA   10650   ACCUCCCC G CACCCCCC G CACCCCCCC G CACCCCCC G CACCCCCCC G CACCCCCC G CACCCCCCC G CACCCCCC G CACCCCCCC G CACCCCCCC G CACCCCCCCC	t	GUUGGUUU G	$\vdash$	AACAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAAC	34603
10730         UURACCCA G UCCUCCUG         12320         CAGGAGGA           10719         CUCCUGGG G CACUANCG         12321         CGAUAGUG           10711         GCACUANC G CAGACUGC         12322         GCAGUCUG           10704         CGCAGACUC         12323         GGAGGCUG           10695         CACUCUCC         CAGCAGACU         12323         GGAGGCUG           10687         GCAGAGUG         12324         CUBCCUCUG           10689         UCCGCAGAG         UAGCACGC         12325         GCGUGCUA           10680         UCCGCAGAG         UAGCACGC         12326         ACGCGUGCUA           10680         AGCACCGUA         CCCUAGACG         12326         ACGCCGUA           10672         GCAGACGCC         UAGCACGC         12326         ACGCCGUA           10673         AGACACGCC         UAGCACGA         12329         ACGCCGUA           10674         ACGCCGUA         CCCUAGACA         12339         UCACACGCA           10675         GUAGACGUA         CCUUAGACA         12334         GCACGUACA           10660         GACAGUAGG         UCUCACCA         12334         GCACGUACA           10672         GUAGACGUA         UCCACAGACA         12334 <td< td=""><td>卜</td><td>DUGCCUUU G</td><td>l-</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>34604</td></td<>	卜	DUGCCUUU G	l-	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34604
10719         CUCCUGGG G CACUAUCG         12321         CGAUAGUG           10711         GCACUAUC G CAGACUGC         12322         GCAGUCUG           10711         GCACUAUC G CAGACUGC         12323         GGAGAGUG           10695         CACUCUCC G CAGAGUAG         12324         CUACUCUG           10690         UCCGCAGA G UAGCACGC         12325         GCGUGCUA           10681         AGUAGCAC G CAGACGC         12326         ACGCGUA           10682         AGUAGCAC G CAGUAGCG         12326         ACGCGUA           10683         AGUAGCAC G CAGUAGCG         12326         ACGCGUA           10680         AGCACGCC G UAGCCUGG         12329         ACGCGUA           10681         AGCACGCC G UAGCCUGG         12329         ACGCGUA           10670         ACGCCGUA G CACUACAG         12329         ACGCGUA           10671         ACGCCGUA G CACUACAG         12331         AUGUCAGCA           10672         GUAGCCGUA G CUUCAACA         12333         UCUCAGAGA           10642         UACACACU         12334         GCUCACAGA           10650         GCCUMGAA G UACACCCA         12334         CAUCACACA           10651         UACACACCUC         12334         CAUCACACA	H	UNAACCCA G	-	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34605
10711         GCACUAUC G CAGACUGC         12322         GCAGUCUG           10704         CGCAGACU G CACUCUCC         12323         GGAGAGUG           10695         CACUCUCC G CAGAGUAG         12324         CUACUCUG           10690         UCCGCAGA G UAGCACGC         12326         ACGCGGUA           10681         AGUAGCAC G CAGAGUGG         12326         ACGCGGUA           10682         AGUAGCAC G CAGUAGCG         12326         ACGCGGUA           10683         AGUAGCAC G CAGUAGCG         12328         ACGCGCUA           10680         AGCACGCC G UAGCCUGG         12329         ACGCGCUA           10671         ACGCCGUA G CACUCUGG         12329         ACGCGCUA           10672         GUAGCCGUA G CACUCUGG         12339         ACGCGCUA           10673         ACGCCGUA G CACUCUGA         12331         AUGUCACA           10674         ACGCCGUAG G UCCUCCUGA         12333         UCLUCACAGA           10675         GCCUUCGAA G UCCUCCCCA         12334         GCUCCACAAA           10670         CCCAGAGCG G UCCUCACCA         12334         ACGUCACAAAA           10630         AUCCUCACAGA         12334         CAUGAGAGA           10641         UUCCACACUC         12334         CAUGAGAGAAAAAAAAAAAAAA	-	ව වවවගයාගය	-	CGAUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGGAG	34606
10704         CGCAGACU G CACUCUCC         12323         GGAGAGUG           10695         CACUCUCC G CAGAGUAG         12324         CUACUCUG           10690         UCCGCAGA G UAGCACGC         12326         ACGCGUGUA           10687         GCAGAGUG         12326         ACGCGUGUA           10689         AGUAGCAC         CACGCCGU         12326         ACGCGUAC           10680         AGCACGCC         UAGCCUG         12329         ACGCGUAC           10671         ACGCCGUA         CCGUAGCA         12329         ACGCGUAC           10672         GUAGCCGUA         CCGUAGCA         12329         ACGCGUAC           10673         ACGCCGUA         CCUUGACA         12339         ACGCGCCA           10674         ACGCCGUA         CCUUGACA         12331         ACGUCGACA           10675         GCCGUUGAA         UCCUCACACA         12333         UCUCAGACA           10670         CCCGAGUAC         UCCUCACACA         12334         GCUCACACA           10642         UACACACAU         UCCUCACACA         12334         GCUCACACA           10643         UACACCCCA         12334         GCUCACACA           10650         CCCGAGACA         12335         ACGCCCAA	┢	GCACUAUC G	-	GCAGUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	34607
10695         CACUCUCC G CAGAGUAG         12324         CUACUCUCG           10690         UCCGCAGA G UAGCACGC         12325         GCGUGCUA           10687         GCAGAGGA G UAGCACGC         12326         ACGGCGUG           10689         AGUAGCAC G CACGCCGU         12327         CGCUACGG           10680         AGCACGCC G UAGCCGUG         12328         CCACGCUA           10677         ACGCGUAG         CGCUACGG         12328         CCACGCCA           10678         GCCGUAGC G UAGCCUCG         12329         AGACCACG           10679         GCCGUAGC G UAGCCUCG         12339         AGACCACG           10670         GCCGUAGC G UCCUCGAC         12331         AUGUCAGA           10672         GUAGAUUGG G CUUCGACA         12333         UGUUCAACA           10642         UACACACAU G UGGGGUCC         12334         GGACCCCA           10643         CAUGAGGG G UCCUCCCU         12335         AAGGACGA           10650         GCCUAGAGG G UCCUCCCU         12335         AAGGACGA           10651         UUCCUCAGG G UCUCCCCU         12336         CAUGAGCG           10652         ACCUCAGGG G UCUCCCCA         12336         CAUGAGCG           10653         AUCCUCAGG G CUUCCCCA         12336         <	╀	CGCAGACU G		GGAGAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUGCG	34608
10690         UCCGCAGA G UAGCACGC         12325         GCGUGCUA           10687         GCAGAGGA G CACGCCGU         12326         ACGGCGUG           10683         AGUAGCAC G CCGUAGCG         12327         CGCUACGG           10680         AGCACGCC G UAGCCGUG         12328         CCACGCUA           10677         ACGCGUAG         12329         AGACCACG           10675         GCCGUAGC G UAGCCUGG         12329         AGACCACG           10676         GCCGUAGC G UAGCCUCG         12339         AGACCACG           10670         GCCGUAGC G UACCUCGA         12331         AUGUCAGA           10672         GUAGAUUGG G CUUCGACA         12333         UGUUCAAAG           10642         UACAACAU         G UCCUCACCU         12334         GGACCCCA           10643         CAUGAGG G UCCUCACCU         12334         GGACCCCA           10640         CCAGAGACG G UCCUCACCU         12335         AAGGAGGA           10651         UVCUCAGG G UCCUCACCU         12335         AAGGAGGA           10652         ACCUCAGGG G UCCUCACCU         12336         CAUGAGGA           10653         AUCACCCCA         12336         CAUGAGGA           10654         ACCUCAGGG G UCUCACCCA         12336         CAUGAGGA	┢	CACUCUCC G		CUACUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGUG	34609
10687         GCAGAGUA G CACGCCGU         12326         ACGGCGUA           10683         AGUAGCAC G CCGUAGCG         12327         CGCUACGG           10680         AGCACGCC G UAGCGUGG         12328         CCACGCUA           10677         ACGCGUAG         12329         AGACCACG           10672         GUAGAUGG G UGUCCGA         12330         UCAGACCA           10673         GCCGUNGA G UCCUCGA         12331         AUGUCAGA           10660         GACAUUGG G CUUUGAACA         12333         UGUUCAAAG           10642         UACAACAG G UUCUGAACA         12333         UGUUCAAAG           10642         UACAACAG G UUCUGAGG         12334         GGACCCCA           10630         CCAGAGACG G UUCUGAGG         12335         AAGGAGGA           10631         UUCUGAGG G UUCUGAGG         12335         AAGGAGGA           10630         AUCACCCC         12335         CAUGAGAG           10550         ACCUCAGG         UUCACCCA         12336         CAUGAGAGA           10551         AUCACCCCA         12336         CAUGAGAGA           10552         GCGCUUUGG         UUCACCCCA         12336         CAUGAGAGA           10553         AUCCUCGGG         UUCACCCCA         12340         <	┢	UCCGCAGA G	┢	Į .	34610
10683         AGUAGCAC G CCGUAGCG         12327         CGCUACGG           10680         AGCACGCC G UAGCGUGG         12328         CCACGCUA           10677         ACGCGUAG G CGUGGUCU         12329         AGACCACG           10675         GCCGUAGC G UAGCCUCA         12330         UCAGACCA           10672         GUAGCGUG G UCUCGAU         12331         AUGUCAGA           10652         GCUUUGAA G UUACAACA         12333         UGUUGAAG           10642         UACAACAU G UGGGGUCC         12334         GGACCCCA           10637         CAUGUGGG G UCCUCCUU         12334         GGACCCCA           10630         CCGAGACG G UCCUCCUU         12335         AAGGAGGA           10631         UUCUCAGG G UCCUCCUU         12335         AAGGAGGA           10630         ACUCGAGG G UUCUGAGG         12336         CCUCAGAAG           10631         UUCUCAGG G UUCUGCCA         12336         CAUGAGCG           10559         ACUCCGGG G UUCUCCCA         12336         CAUGAGGGA           10556         ACCCUGGG G UUCUCCCA         12340         CAGGAGGAA           10556         CUCCUGGG G UUCACCCA         12342         CGACUCCAA           10550         ACCCUGGG G UUCACCCA         12343         GCUGCCCAA	┢	GCAGAGUA G		ACGGCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACUCUGC	34611
10680         AGCACGCC G UAGCGUGG         12328         CCACGCUA           10677         ACGCGUAG G CGUGGUCU         12329         AGACCACG           10675         GCCGUAGC G UGGUCUGA         12339         UCAGACCA           10672         GUAGCGUG G UCCUCGA         12331         AUGUCAGA           10660         GACNUUGA G UUACACA         12332         CUUCAAAG           10642         UACAACAU G UGGGUCC         12333         UGUUGAA           10637         CAUGUGGG G UCCUCCUU         12334         GGACCCCA           10630         CCAGAGACG G UCCUCAGG         12335         AAGGAGGA           10611         UUCUGAGG G UUCUGAGG         12335         AAGGAGGA           10630         ACUCGUAG         12335         CAUGUAAA           10590         ACUCGCGG G CUUCUGGG         12336         CAUGGUGAA           10581         AUCACCCCA         12336         CAUGGUGAA           10582         ACCUCGGG G CUUCGUGG         12336         CAUGGUGAA           10583         AUCACCCCA         12340         CAGGAGGAA           10584         GCGGGUUAA         12341         CAGGACGGAA           10585         GCGGGUUAA         12342         CGACUCAAA           10586 <td< td=""><td>┢</td><td>AGUAGCAC G</td><td></td><td>CGCUACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUACU</td><td>34612</td></td<>	┢	AGUAGCAC G		CGCUACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUACU	34612
10677         ACGCCGUA G CGUGGUCU         12329         AGACCACGA           10675         GCCGUAGC G UGGUCUGA         12330         UCAGACCA           10672         GUAGCGUG G UCGUCUGA         12331         AUGUCAGA           10660         GACNUUGA G CUUUGAAG         12332         CUUCAAAG           10652         GCUUUGAA G UUACACA         12333         UGUUGUAA           10637         CAUGUGGG G UCCUCCUU         12334         GGACCCCA           10630         CCAGAGACG G UUCUGAGG         12335         AAGGAGGA           10611         UUCUGAGG G UUCUGAGG         12335         CAUGUGAA           10593         AUCACUUC         G GGCUUUG         12335         CAUGAGAA           10594         AUCACUUC         G GGCUUUG         12336         CAUGAGAGA           10595         AUCACCCCA         12336         CAUGAGCG           10596         ACUUGGGG G CUUCUGUG         12336         CAUGAGCGG           10597         AUCACCCCA         12336         CAUGAGCGG           10565         CCCCGGGG G CUUCCCCG         12340         CGGGGGGGA           10566         CUCCCGGG G CUUCCCCG         12341         CGGGCUCGA           10576         UUCACCCGA         12342         CCGCGCGG <td>┢</td> <td>AGCACGCC G</td> <td><math>\vdash</math></td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34613</td>	┢	AGCACGCC G	$\vdash$	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34613
10675         GCCGUNGC G UGGUCUGA         12330         UCAGACCA           10672         GUAGCGUG G UCUGACAU         12331         AUGUCAAAG           10660         GACAUUGAA G UUACAACA         12333         UGUUGAAAG           10642         UACAACAU G UGCGUCC         12334         GGACCCCA           10642         UACAACAU G UCCUCCUU         12335         AAGGAGGA           10620         CCGAGACG G UUCUGAGG         12335         AAGGAGGA           10611         UUCUGAGG G CUUACAUG         12336         CCUCAGAA           10590         ACUUGGG G CUUACAUG         12336         CAUGAGAGA           10591         AUCACUUC G CGGCUUUG         12336         CAUGAGGAA           10592         ACUUCGCG G CUUACACCA         12336         CAAAGCCG           10593         AUCACUUC G CGGCUUUG         12336         CAAGGCGGAA           10594         ACUUCGCG G CUUCACCCA         12340         UGGGGUGAA           10565         CUCCUGGG G CUUCACCCA         12341         CAGGAGGAA           10566         CUCCUGGG G UCUCACCA         12342         CCGCCGCGA           10566         GGGGUUGA G UCCCCCA         12343         GCCUGCGA           10556         GGGGUUGA G UCCCCCA         12343         GCCUGCCGA </td <td>╁</td> <td>ACGCCGUA G</td> <td></td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>34614</td>	╁	ACGCCGUA G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34614
10672         GUAGCGUG         G UCUGACAU         12331         AUGUCAGAG           10660         GACAUUGAA         12332         CUUCAAAG           10652         GCUUUGAA G UUACAACA         12333         UGUUGUAA           10642         UACAACAU G UGGGGUCC         12334         GGACCCCA           10637         CAUGUGAGG G UCCUCAUU         12335         AAGGAGGA           10611         UUCUGAGG G UUCUGAGG         12336         CCUCAGAA           10593         AUCACUUC G CGGCUUUG         12337         CAUGUGAA           10594         AUCACCUC G CGGCUUUG         12338         CAAAGCCG           10585         GCGGCUUU         UUCACCCA         12340         UGGGUGAA           10566         UUCACCCA         12340         UGGGUGAA           10566         UUCACCCA         12341         CAGGAGGA           10566         UUCACCCA         12341         CAGGAGGA           10566         UUCACCCAG         12342         CCGCGCGA           10566         GCGGGUUAA         UCCUCCUG         12343         GCCUGCGA           10567         UUCACCCAG         12342         GCGCUGCGA           10557         GUCCCCGGG         12343         GCGCUCCGG	一	GCCGUAGC G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34615
10660         GACAUUGGA G         CUUCGAAGG           10652         GCUUUGAA G         UUACAACA         12333         UGUUGUAA           10642         UACAACAU G         UGGGGUCC         12334         GGACCCCA           10637         CAUGUGGG G         UCCUCAGG         12335         AAGGAGGA           10611         UUCUGAGG G         UUCUGAGG         12336         CCUCAGAA           10593         AUCACUUC G         CGGCUUUG         12338         CAAGGCG           10590         ACUCGGG G         CUUACACC         12338         CAAGGCG           10585         GCGGCUUU         G UCACCCCA         12340         UGGGGUGAA           10566         UUCACCCA         12340         UGGGGCAA           10566         UUCACCCAG         12341         CAGGACGAA           10566         UUCACCCAG         12341         CAGGACGAA           10566         UUCACCCAG         12342         CCGCUCGAA           10566         UUCACCCAG         12343         GCCUGCGA           10566         UUCACCCAG         12342         GCGCUCCAG           10567         GUCCUCGAG         12343         GCCUGCCGA           10557         GUCCUCGGG         12344         GCUCCCCG<	┝	GUAGCGUG G	-	AUGUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGCUAC	34616
10652         GCUUUGAA G UUACAACA         12333         UGUUGUAA           10642         UACAACAU G UGGGGUCC         12334         GGACCCCA           10637         CAUGUGGG G UCCUCUU         12335         AAGGAGGA           10611         UUCUGAGG G UUCUGAGG         12336         CCUCAGAA           10593         AUCACUUC G CGGCUUUG         12337         CAUGUGAAG           10599         ACUUCGCG G CUUNCAUC         12338         CAAAGCCG           10585         GCGGCUUU         UUCACCCA         12340         UGGGUGAA           10566         UUCACCCA         UUCACCCA         12340         UGGGUGAA           10566         CUCCUGGG G UUCAGCCA         12341         CAGGGCGA           10566         CUCCUGGG G UUCAGCCA         12342         CCGCUGCAA           10566         GGGGUUGA G UCCUCCUG         12342         GCGCUCCAA           10566         GGGGUUGA G UCCACAGC         12342         GCGCUCCAA           10557         GUUGAGUGA G UCCACAGC         12342         GCCUGCCGA           10553         AGUCGCAGG G CAGGCACC         12343         GCCUGCGGA           10553         AGUCGCAGG G CAGGCACC         12344         GCGGCUCGA           10553         AGUCGCAGG G CAGGCACC         123	┢	GACAUUGG G		CUUCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAUGUC	34617
10642         UACAACAU G UGGGGUCC         12334         GGACCCCA           10637         CAUGUGGG G UCCUCCUU         12335         AAGGAGGA           10610         CCGAGACG G UUCUGAGG         12336         CCUCAGAA           10611         UUCUGAGG G CUUACAUG         12337         CAUGUAAG           10590         ACUUCGCG G CUUACUC         12338         CAAAGCCG           10585         GCGGCUUG         UUCACCCA         12340         UGGGGGAA           10566         UUCACCCA         UCCUCCUG         12341         CAGGAGGA           10567         UUCACCCA         UCCUCCUG         12342         CGACUGCAA           10566         GGGGUUGA         UUCAGCAGG         12343         GCCUGCGAA           10567         GUCCUGGG         UUCAGCAGG         12343         GCCUGCGAA           10567         GUCCUGGG         UUCAGCAGG         12343         GCCUGCGAA           10567         GUCCUGGG         GAGCCAGG         12344         GCGCUGCGA           10557         GUUGAGCAG         12344         GCGCUCCAA           10553         AGUCCCAG         12345         GCGUGCCUG           10550         CGCAGGCAG         12345         GCGGUGCUG           10550	╁╌	GCUUUGAA G		UGUUGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAAGC	34618
10637         CAUGUGGG G UCCUCCUU         12335         AAGGAGGA           10620         CCGAGACG G UUCUGAGG         12336         CCUCAGAA           10611         UUCUGAGG G CUUACAUG         12337         CAUGUAAG           10593         AUCACUUC G CGCUUUG         12338         CAAAGCCG           10586         GCGGCUUU G UUCACCCA         12340         CAGGUGAA           10587         UUCACCCA G UCCUCCUG         12341         CAGGAGGA           10568         CUCCUGGG G UUCACCCA         12341         CAGGAGGA           10560         UUCACCCA G UCCUCCAG         12341         CAGGAGGA           10560         GGGGUUGA G UCGCAGG         12342         GCACUCCAA           10557         GUUGAGGA G UCGCAGC         12343         GCCUGCGA           10557         GUUGAGGA G CAGCAGC         12343         GCCUGCGA           10557         GUUGAGCAG         CAGCCAGC         12343         GCCUGCGA           10557         GUCGAGAG         CAGCCAGC         12344         GCGGCGC           10557         GUCGCAGG         CAGCCAGC         12344         GCGGCGC           10559         AGCAGGCC         12345         AGACGCCG           10550         CGCAGGCC         12345         A	$\vdash$	UACAACAU G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34619
10620         CCGAGACG         UUCUGAGG         12336         CCUCAGAAA           10611         UUCUGAGG         CUUACAUG         12337         CAUGUAAG           10593         AUCACUUC         CGGCUUUG         12338         CAAAGCCG           10586         ACUUCACG         CUUCACCCA         12340         UGGGUGAA           10565         UUCACCCA         UCCUCCUG         12341         CAGGAGGAA           10566         UUCACCCA         UUCACCAGG         12343         GCCUGCGA           10567         GUGGUUGA         UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGCA         CAGCAGCAGC         12343         GCCUGCGA           10557         GUUGAGCA         CAGCAGCAGC         12343         GCCUGCGA           10557         GUUGAGCAG         CAGCAGCC         12344         GCUGCCUG           10557         GUUGAGCAG         CAGCAGCC         12345         GCGUGCCUG           10553         AGUCGCAG         12345         CGGUGCUG           10554         GCAGGGCC         UCCAGGC         12345         AGACGGC           10555         CGCAGGCC         UCCAGGC         12346         AGACGGC           10550         CGCAGGCC	┝	CAUGUGGG G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34620
10611         UVCUGAGG G CUUACAUG         12337         CAUGUAAG           10593         AUCACUUC G CGGCUUUG         12338         CAAAGCCG           10590         ACUUCGCG G CUUUGUUC         12339         GAACAAAG           10585         GCGGCUUU G UUCACCCA         12340         UGGGUGAA           10566         UUCACCCA G UCCUCCUG         12341         CAGGAGGA           10567         UUCACCGA G UCGCAGGC         12342         CGACUCAA           10568         GGGGUUGA G UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGUC G CAGGCAGC         12343         GCUGCCGA           10553         AGUCGCAG         CAGCAGCC         12344         GCUGCCUG           10553         AGUCGCAG         CAGCAGCC         12344         GCUGCCUG           10554         GCAGGGCC         12345         GCGCGCC           10555         CGCAGGCC         UCGCAGCC         12345         AGACGGCG           10550         CGCAGGCC         UCGCAGCC         12345         AGACGGCG           10551         CGCAGGCC         UCGCAGCC         12345         AGACGGCG	┢	CCGAGACG G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34621
10593         AUCACUUC G CGGCUUUG         12338         CAAAGCCG           10590         ACUUCGCG G CUUUGUC         12339         GAACAAAG           10585         GCGGCUUU G UUCACCCA         12340         UGGGUGAA           1056         UUCACCCA G UCCUCCUG         12341         CAGGAGGA           10560         GGGGUUGA G UUCACAGC         12342         CGACUCAA           10560         GGGGUUGA G UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGUC G CAGGCAGC         12343         GCUGCCUG           10553         AGUCGCAG         12345         GCUGCCUG           10550         CGCAGGCA G CACCGUCU         12345         GCUGCCUG           10551         AGUCGCAC         12345         AGACGGUG           10550         CGCAGGCC G CACCGUCU         12345         AGACGGUG           10551         CGCAGGCC G UCUACUCA         12345         UGAGUGG	┢	UUCUGAGG G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34622
10590         ACUUCGCG         CUUUGUUC         12339         GAACAAAG           10585         GCGGCUUU         UUCACCCA         12340         UGGGUGAA           10576         UUCACCCA         UCCUCGG         12341         CAGGAGGA           10565         CUCCUGGG         UUGAGUCG         12342         CAGGAGGA           10560         GGGGUUGA         UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGUC         CAGGCAGC         12344         GCUGCCUG           10553         AGUCGCAG         12345         CGGUGCUG           10550         CGCAGGCA         CACCGUCU         12345         AGACGGUG           10551         CGCAGGCA         CACCGUCU         12345         AGACGGUG           10552         CGCAGGCA         CACCGUCU         12345         AGACGGUG           10553         CGCAGGCA         CACCGUC         12345         AGACGGUG           10554         GCAGGCAC         UCUACUCA         12347         UGAGUGAGA	┢	AUCACUUC G		CAAAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUGAU	34623
10585         GCGGCUUU G UUCACCCA         12340         UGGGUGAA           10576         UUCACCCA G UCCUCCUG         12341         CAGGAGGA           10565         CUCCUGGG G UUGAGUCG         12342         CAGCACCAA           10560         GGGGUUGA G UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGUC G CAGGCAGC         12344         GCUGCCUG           10553         AGUCGCAG         CAGGCAGC         12345         CGGUGCUG           10550         CGCAGGCA         CACCGUCU         12345         AGACGGUG           10550         CGCAGGCA         CACCGUCU         12345         AGACGGUG           10550         CGCAGGCA         UCUACUCA         12346         AGACGGUG	H	ACTUCACE G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34624
10576         UVCACCCA G UCCUCCUG         12341         CAGGAGGA           10565         CUCCUGGG G UUGAGUCG         12342         CGACUCAA           10560         GGGGUUGA G UCGCAGC         12343         GCCUGCGA           10557         GUUGAGUC G CAGGCAGC         12344         GCUGCCUG           10553         AGUCGCAG         CAGGCAGC         12345         GCUGCCUG           10550         CGCAGGCA         CACCGUCU         12345         CGGUGCUG           10550         CGCAGGCA         CACCGUCU         12346         AGACGGUG           10550         CGCAGGCAC         UCUACUCA         12346         AGACGGUG	┝	ලෙලෙගුගු ල	┢	UGGGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCGC	34625
10565         CUCCUGGG G UVGAGUCG         12342         CGACUCGA           10560         GGGGUUGA G UCGCAGC         12343         GCUGGCGA           10557         GUUGAGUC G CAGCCAGC         12344         GCUGCCUG           10553         AGUCGCAG G CAGCACCG         12345         CGGUGCUG           10550         CGCAGGCA G CACCGUCU         12345         AGACGGUG           10550         CGCAGGCA G CACCGUCU         12346         AGACGGUG           10545         GCAGCACC G UCUACUCA         12347         UGAGUAGA	一	UUCACCCA G		CAGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGAA	34626
10560         GGGGUUGA G UCGCAGGC         12343         GCCUGCGA           10557         GUUGAGUC G CAGGCAGC         12344         GCUGCCUG           10553         AGUCGCAG G CAGCACC         12345         CGGUGCUG           10550         CGCAGGCA G CACCGUCU         12346         AGACGGUG           10550         CGCAGGCC G CACCGUCU         12346         AGACGGUG	-	വേഗവദേദ ദ	П	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34627
10557         GUUGAGUC G CAGGCAGC         12344         GCUGCCUG           10553         AGUCGCAG G CAGCACCG         12345         CGGUGCUG           10550         CGCAGGCA G CACCGUCU         12346         AGACGGUG           10545         GCAGCACC G UCUACUCA         12347         UGAGUAGA	$\vdash$	GGGGUUGA G	Г	GCCUGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCCC	34628
10553         AGUCGCAG G CAGCACCG         12345         CGGUGCUG           10550         CGCAGGCA G CACCGUCU         12346         AGACGGUG           10545         GCAGCACC G UCUACUCA         12347         UGAGUAGA	┝一	GUUGAGUC G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34629
10550CGCAGGCA G CACCGUCU12346AGACGGUG10545GCAGCACC G UCUACUCA12347UGAGUAGA		AGUCGCAG G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34630
10545 GCAGCACC G UCUACUCA 12347 UGAGUAGA	Н	CGCAGGCA G		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34631
	-	GCAGCACC G	$\exists$	UGAGUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGCUGC	34632

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501	10529	AACUUCCG G UGGCGGGA	12348	UCCCGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGUU	34633
504	10526	UUCCGGUG G CGGGAACU	12349		34634
518	10512	ACUUCCCO O CCUGACUU	12350		34635
595	10435	ACTUTUDATE G CAUACUUA	12351	UAAGUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAAAGU	34636
809	10422	CUUAUAUU G UCUAUUUA	12352	UAAAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUAAG	34637
637	10393	UAUCUACA G UACUGUGU	12353	ACACAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGAUA	34638
642	10388	ACAGUACU G UGUCCUCA	12354	UGAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUACUGU	34639
644	10386	AGUACUGU G UCCUCAAC	12355	GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUACU	34640
657	10373	CAACCAAA G UUGUGUCU	12356	AGACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGUUG	34641
99	10370	CCAAAGUU G UGUCUUCA	12357		34642
662	10368	AAAGUUGU G UCUUCAUA	12358	UAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACUUU	34643
619	10351	UCUCUUUA G UGAACUCA	12359	UGAGUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGAGA	34644
689	10341	GAACUCAU G UAAUCCAC	12360	GUGGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGUUC	34645
720	10310	CGAUGAUU G CUCUGACU	12361	AGUCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCAUCG	34646
731	10299	CUGACUUG G UUGAUAGC	12362	GCUAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGUCAG	34647
738	10292	GGUUGAUA G CCACCUGG	12363	CCAGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCAACC	34648
749	10281	ACCUGGAU G UUUUCUGC	12364		34649
756	10274	UGUUUUCU G CCCACGUG	12365	CACGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAACA	34650
762	10268	CUGCCCAC G UGGCUCGG	12366	CCGAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGGCAG	34651
765	10265	CCCACGUG G CUCGGGCU	12367	AGCCCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGUGGG	34652
771	10259	ugacucaa a cucuuana	12368	CACAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGAGCCA	34653
777	10253	GGGCUCUU G UGCCAAUC	12369	- 1	34654
779	10251	ט	12370		34655
788	10242	CCAAUCAG G CUGCCACA	12371	UGUGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGG	34656
791	10239	AUCAGGCU G CCACACCA	12372	UGGUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCUGAU	34657
803	10227	CACCAGAU G UCCUCUCG	12373	CGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUGGUG	34658
811	10219	guccucuc e ununccue	12374	CAGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAGGAC	34659
830	10200	UAUGGGAC G UCACUCCA	12375	UGGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCCAUA	34660
852	10178	O	12376		34661
857	10173	Ø	12377	AUGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCCC	34662
893	10137		12378	- 1	34663
911	10119	UCCAACAU G UCCUCUGU	12379	ACAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUUGGA	34664
918	10112	UGUCCUCU G UUGUCAUC	12380	GAUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGACA	34665
921	10109	ccucueuu e ucauccac	12381	GUGGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAGG	34666
939	10001	CUCCUCCU G CAUGGAUG	12382		34667
954	10076		12383		34668
957	10073	ACCACGUG G UUCUUCCG	12384	CGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGUGGU	34669
996	10064	UUCUUCCG G UAGGGACC	12385	GGUCCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGAA	34670
066	10040	Ð	12386	UNGCUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCCUG	34671
995	10035	ACAGCGGA G CAAAUGGC	12387	GCCAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGCUGU	34672

Table XII

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1002	10028	ပ ည	12388	- 1	34673
1004	10026	O	12389		34674
1008	10022	O	12390	GCUCAUGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCA	34675
1015	10015	GGCCAUGA G CCGCAGGU	12391	ACCUGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGGCC	34676
1018	10012		12392	GAGACCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAUG	34677
1022	10008	AGCCGCAG G UCUCTUCTO	12393	AGAAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCGGCU	34678
1031	9999	ucucanca e accepeans	12394	UACTUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGAGA	34679
1037	9993	Ø	12395	CUUCUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCACAG	34680
1045	9985	GUACAGAA G CAGCCACA	12396	UGUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGUAC	34681
1048	9982	CAGAAGCA G CCACAUCU	12397	AGAUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUCUG	34682
1059	1266	ACAUCUGG G CAUAAGAC	12398	GUCTUANG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAUGU	34683
101	9959	AAGACUUA G CCAGACAA	12399	UNGUCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGUCUU	34684
1080	9950	CCAGACAA G CAGUGUCG	12400	CGACACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUCUGG	34685
1083	9947	GACAAGCA G UGUCGCGG	12401	CCGCGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUGUC	34686
1085	9945	CAAGCAGU G UCGCGGAC	12402	guccecea geaggaaacucccuucaaggacaucguccege acuecuug	34687
1088	9942	ecyenanc e ceeycenn	12403	AACGUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACACUGC	34688
1094	9936		12404	GGAUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCGCGA	34689
1104	9356	nccyncce e cccneey	12405	UCCAGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGAUGGA	34690
1118	9912	ŋ	12406	AGAGCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUCUCC	34691
1122	9908	G	12407	AGGCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAUAU	34692
1127	9903	canacucu e ccunican	12408	UUGGUAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGAGCUCG	34693
1144	9886	O	12409	GCCGAGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGAUGAA	34694
1151	9879	O	12410	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34695
1165	9865	O	12411	GAAGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGGUU	34696
1167	9863	ס	12412	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34697
1194	9836	Ö	12413	CCAUTUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUUGA	34698
1202	9828	Ö	12414	UGCUCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUCAC	34699
1208	9822	O	12415	CCAUUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAACCA	34700
1222	9808	ט	12416		34701
1225	9805	O	12417	AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGGUU	34702
1242	9788	Ð	12418	ACCGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUGGU	34703
1249	9781	O	12419	AGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAACU	34704
1265	9765	ucungaan a ucumaca	12420	CGCAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAAGA	34705
1271	9759	U	12421	AAGGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACAU	34706
1287	9743	٥	12422	CCUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUCAA	34707
1298	9732	٥	12423	UCGCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCAA	34708
1303	9727	Ø €	12424	CCACCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUUC	34709
1308	9722	<sub>ອ</sub>	12425	CUUUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGCUCC	34710
1311	9719	GCGAGGUG G CAAAGCGA	12426	ucecumo gaaggaaacucccuucaaggacaucguccggg caccucgc	34711
1316	9714	GUGGCAAA G CGAUCGUC	12427	GACGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGCCAC	34712

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1322	9708	AAGCGAUC G UCCAGGGG	12428	CCCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUU	34713
1330	9700	GUCCAGGG G CUUDACCA	12429	UGGUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUGGAC	34714
1343	9687	ACCACACA G UCAUCUCC	12430		34715
1359	1671	CACUGACA G CCAUGCGG	12431	CCGCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAGUG	34716
1364	9996	ACAGCCAU G CGGCUGAG	12432	CUCAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCUGU	34717
1367	6996	GCCAUGCG G CUGAGUCU	12433	AGACUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAUGGC	34718
1372	9658	GCGGCUGA G UCUUUCUU	12434	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCGC	34719
1396	9634	CUCADACA G CCAGGUCC	12435	GGACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGAG	34720
1401	9629	ACAGCCAG G UCCUGACU	12436	AGUCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCUGU	34721
1414	9196	GACTUTUGG G UCCUTUCC	12437	GGAAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAGUC	34722
1428	9602	UCCCUUUU G UGAGUUUC	12438	GAAACUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGGA	34723
1432	9538	UUUUGUGA G UUUCUCCA	12439		34724
1451	9579	UCAUCUGG G CCAAUCAC	12440	GUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAUGA	34725
1486	9544	CCUCACCA G CUGGACGG	12441	CCGUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGAGG	34726
1494	9536	GCUGGACG G CCAGGUUG	12442	CAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCCAGC	34727
1499	9531	ACGGCCAG G UUGGUGAA	12443	UUCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCCGU	34728
1503	9527	ccycenne e ngyydene	12444	CACUTUCA GEAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCUGG	34729
1509	9521		12445		34730
1211	9519	Ð	12446	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34731
1518	9512	пеплимее е сепмеепе	12447		34732
1520	9510	undagge e dagguaac	12448		34733
1524	9206	GGGCGUAG G UGACAACU	12449	AGUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACGCCC	34734
1534	9496	GACAACUU G UCCACUCC	12450	GGAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGUC	34735
1578	9452	Ð	12451	UGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAUGG	34736
1590	9440	v	12452	CCCGGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAUGGAA	34737
1593	9437	CAUCAGCA G CCGGGCGC	12453	GCGCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAUG	34738
1598	9432	GCAGCCGG G CGCAUCAC	12454		34739
1600	9430	Ø	12455	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34740
1619	9411	ACAACUUU G UGACGAUA	12456	- 1	34741
1629	9401	Ö	12457	- 1	34742
1633	9397	ø	12458	- 1	34743
1644	9386	9 D	12459	UGCCAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUUG	34744
1650	9380	O	12460	GCGUCUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCA	34745
1657	9373	nnenveco e ccevnenn	12461	AACAUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUUGCC	34746
1663	9367	O	12462	AUGGGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGCGU	34747
1675	9355	១	12463		34748
1678	9352	AUCAAGCA G CUCAAGCA	12464	UGCUUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUGAU	34749
1684	9346	CAGCUCAA G CACCUUAG	12465	CUAAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGCUG	34750
1692	9338	b	12466	AAAUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGGUGC	34751
1706	9324	nonoceyy e neyecoco	12467	AGAGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAAAA	34752
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1710	9320	CCAAGUCA G CUCUCGUG	12468	CACGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	success usacuuss	34753
1716	9314	CAGCUCUC G UGAUGCGG	12469	CCGCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34754
1721	9309	cuceueau e ceeeueuc	12470	GACACCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34755
1725	9305	UGAUGCGG G UGUCCCAG	12471	CUGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34756
1727	9303	AUGCGGGU G UCCCAGCC	12472	GGCUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE ACCCECAU	34757
1733	9297	GUGUCCCA G CCAGCUGU	12473	ACAGCUGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succege ugggacac	34758
1737	9293	CCCAGCCA G CUGUGUCA	12474	UGACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succeee veecueee	34759
1740	9290	AGCCAGCU G UGUCAUCA	12475	UGAUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGG AGCUGGCU	34760
1742	9288	ccaecueu e ucaucaec	12476	GCUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succeed Acaecues	34761
1749	9281	UGUCAUCA G CAUAGAUC	12477	GAUCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE UGAUGACA	34762
1760	9270	UAGAUCUU G CCCCCAGG	12478	ccueegeg gaaggaaacucccuucaaggacaucguccegg	SUCCEGE AAGAUCUA	34763
1768	9262	осссство о сседенес	12479	GCACCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succese cueseses	34764
1773	9257	CAGGCCGG G UGCCAACU	12480	AGUUGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	succeed cceeccue	34765
1775	9255	GGCCGGGU G CCAACUUC	12481	GAAGUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE ACCCEGCC	34766
1786	9244	AACUUCAC G CAGGAUGU	12482	ACAUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succeed gueaaguu	34767
1793	9237	CGCAGGAU G UAACCCAG	12483	CUGGGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34768
1801	9229	Ð	12484	UCCAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE DEGENUAC	34769
1811	9219	UNUVIGAG G CCCAAGCC	12485			34770
1817	9213	AGGCCCAA G CCCUCGAC	12486	GUCGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34771
1838	9192	O	12487	AGAAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE UCAGGAGG	34772
1852	9118	UCUUCCAA G CCAGUGGU	12488	ACCACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE UNGGAAGA	34773
1856	9174	CCAAGCCA G UGGUCUUC	12489	GAAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succeed neeconed	34774
1859	9171	O	12490	AAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	•	34775
1881	9149	AACCCAGA G CCUCGAAC	12491	GUUCGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34776
1898	9132	g	12492	GGAGCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34777
1902	9128	GAAAGCGA G CUCCGAGC	12493	GCUCGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	succeed ucecuuuc	34778
1909	9121	AGCUCCGA G CCACAUGA	12494	UCAUGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	succede ucegaecu	34779
1926	9104	b	12495	AAGCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	34780
1831	6606	Auggenen a euuceeuu	12496	AAGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	34781
	6806	Ö	12497	1	- 1	34782
1960	9070	Ö	12498	AGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34783
1985	9045	Ð	12499		SUCCEGE AUGAUGES	34784
1988	9042		12500	UGCAUUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE AACAUGAU	34785
1994	9036	Ð	12501	CACACUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34786
1998	9032	Ð	12502	AUGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	34787
2000	9030	ტ	12503	GAAUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34788
2014	9016	Ö	12504	CACAUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34789
2020	9010	CCGCYGYN 6 NGCCNCGC	12505	GCGAGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	succede Aucueces	34790
2022	8006	GCAGAUGU G CCUCGCGC	12506	GCGCGAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE ACAUCUGC	34791
2027	9003	nanacene a ceeneene	12507	GAGGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	SUCCEGE GAGGCACA	34792

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2029	1006	ueccucec e cuccucau	12508		CCGGG GCGAGGCA	34793
2070	8960	ეე ც	12509	CAGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34794
2079	1568	concoco e cecoccoc	12510	GAGGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CAGAGAAG	34795
2081	8949	UCUCUGGC G CUCCUCCA	12511	UGGAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG GCCAGAGA	34796
2098	8932	UNGAUNCU G CUCUNCAA	12512	UUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG AGAAUCAA	34797
2112	8318	ტ	12513	UUUGGGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		34798
2121	6068	CACCCAAA G CUGCAUUG	12514	CAAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34799
2124	9068	CCAAAGCU G CAUUGCUG	12515	CAGCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34800
2129	8901	GCUGCAUU G CUGUUGAC	12516	GUCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34801
2132	8688	GCAUUGCU G UUGACCUU	12517	AAGGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG AGCAAUGC	34802
2162	8988	UCUCGAGA G CACAUUCU	12518	AGAAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG UCUCGAGA	34803
2176	8854	UCUGGGAC G UUUUUCUC	12519	GAGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG GUCCCAGA	34804
2187	8843	ø	12520	GUUUTUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CAGAGAA	34805
2196	8834	CCAAAAAC G CCCACAAC	12521	guiduada aanaanacucccuuchaaancaucaucaaa	ccese enuunae	34806
2207	8823	CACAACCA G UUGGUGGU	12522	ACCACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese vesuvave	34807
2211	6188	ACCAGUUG G UGGUCUCA	12523	UGAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese caacuesu	34808
2214	9188	AGUUGGUG G UCUCAUUG	12524	CAAUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccege caccaacu	34809
2224	9088	CUCAUUGA G CACGUACU	12525	AGUACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG UCAAUGAG	34810
2228	8802	O	12526	GUGAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese eugcucaa	34811
2245	8785	Ö	12527	CUGAACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CAGAAGGA	34812
2248	8782	uncuegeg a uncaggag	12528	CUCCUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CGCCAGAA	34813
2256	8774	GUUCAGGA G CUUUCGUG	12529	CACGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese uccusaac	34814
2262	8768	GAGCUUUC G UGUCCACC	12530	GGUGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccege gaaagcuc	34815
2264	8766	30 G	12531	AAGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG ACGAAAGC	34816
2287	8743	O	12532	GGCAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese eagueuuc	34817
2290	8740	CACUCGCU G CUGCCCGA	12533	UCGGGCAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	ccese asceadus	34818
2293	8737	30 G	12534	ccuucege geaggaaacucccuucaaggacaucguccege	CCGGG AGCAGCGA	34819
2304	8726	CGAAGGGA G UAGUGUCA	12535	UGACACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccese ucccuuce	34820
2307	8723	ဗ	12536	GACUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34821
2309	8721	ט	12537	AUGACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34822
2313	8717	Ð	12538	GGCCAUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	ccege ugacacua	34823
2319	8711	O	12539	CACCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ccege caugacue	34824
2325	8705	б	12540	UGUUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CAUGGCCA	34825
2328	8702	CCAUGGUO O UAACAUUC	12541	GAAUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG CACCAUGG	34826
2337	8693	JC G	12542	CACCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CCGGG GAAUGUUA	34827
2343	8687	ø	12543	AUGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		34828
2345	8685	Ö	12544	CCAUGGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		34829
2353	8677	១	12545		ccege caugegac	34830
2365	8665	O	12546	UGGUCAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	ccese uccucuca	34831
2386	8644	AUUGACCA G CGAACUGG	12547	CCAGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCAAU	cceee neencaau	34832

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CAGUUCGC 34833	UCCGCCAG	AGGCUCCG 34835	CCACAGGC 34836	AGUUAUGA	GGCAGUUA 34838	UAUCACGG 34839	CUGGAACU	CCAUAUAG 34841	GACCCAUA 34842	GAUGAGAA 34843	CACGAUGA	ACCACGAU	GUGGCACC	AGUUCGAC	GUGAGUAC	UCAGGCGU	GACUCAGG	AGGAUUGA	CAGUAAAA	3 ACCAGUAA 34853	UCAGACAC	UCAACUCA	cccnacnc	3 GGUGGGAA 34857	CAGGGCGG	UUGGGAAG	GAGGAAGA	CCCAAUAC	CUGGAAGG	UCCUAGGA	CAGGUGCU	CAGCCAGG	AUUCAGUG	AAUGUGGU	UUCAGGCA	GAGAUGUA	ACGAGAUG	34871
GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	
AGGCUCCG	CCCACAGG	GAAGCCCA GGA	AUGUGAAG	UAUCACGG	AACUAUCA	ACCUGGAA	AUAUAGAA	GAGAACCA	GAUGAGAA	UGGCACCA	ACGUGGCA	CGACGUGG	CAGUUCGA	CGUGAGUA	GACUCAGG	UUGAACGA	GGAUUGAA	AUCAAGAA	CUCAGACA	AACUCAGA	CUGCUCAA	AACCCCUG	UGGGAAAA	AACCAGGG	AAGUGGAA	GAUGUAAA	CCCCAAUA	GGAAGGGA	AAAAAGGA	GCCAGGUG	AUGACCAG	GAAUAUGA	AUGUGGUA	GCUUCAGG	GAGUCGAG	UCCACGCA	AUUCCACG	-
12548	12549	12550	12551	12552	12553	12554	12555	12556	12557	12558	12559	12560	12561	12562	12563	12564	12565	12566	12567	12568	12569	12570	12571	12572	12573	12574	12575	12576	12577	12578	12579	12580	12581	12582	12583	12584	12585	3020
GCGAACUG G CGGAGCCU		CGGAGCCU G UGGGCUUC	O	1.	O		1	CUAUAUGG G UGGUUCUC	O	UNCUCAUC G UGGUGCCA	Ø	AUCGUGGU G CCACGUCG	GGUGCCAC G UCGAACUG	GUCGAACU G VACUCACG	GUACUCAC G CCUGAGUC	ACCCCUGA G UCGUICAA	CCUGAGUC G UUCAAUCC	UCAAUCCU G UUCUUGAU	UUUUACUG G UGUCUGAG	UNACUGGU G UCUGAGUU		UGAGUUGA G CAGGGGUU	GAGCAGGG G UUUUCCCA	UUCCCACC G CCCUGGUU	cceccue e unccacuu	CUUCCCAA G UUUACAUC	uctuccuc a unuagga	GUAUUGGG G UCCCUUCC	CCUUCCAG G UCCUUUUU	UCCUAGGA G CACCUGGC	AGCACCUG G CUGGUCAU	CCUGGCUG G UCAUAUUC	CACUGAAU G UACCACAU	ACCACAUU G CCUGAAGC	UGCCUGAA G CUCGACUC	UACAUCUC G UGCGUGGA	CAUCUCGU G CGUGGAAU	THE COURT OF THE PARTY OF THE P
8636	8631	8627	8623	8607	8604	8598	8591	8580	8577	8568	8565	8563	8558	8550	8542	8536	8533	8523	8507	8505	8499	8494	8488	8477	8471	8457	8442	8434	8423	8398	8391	8387	8371	8361	8354	8331	8329	0227
2394	2399	2403	2407	2423	2426	2432	2439	2450	2453	2462	2465	2467	2472	2480	2488	2494	2497	2507	2523	2525	2531	2536	2542	2553	2559	2573	2588	2596	2607	2632	2639	2643	2659	2669	2676	2699	2701	0000

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Table	Table

2723         8107         Galacierdo do UUCCUCCAC.         12589         CITACADA GARACIARA CUCCUCUCARGARACIACOCUCUCARGARACIACUCCUCCAGO COGO COCOGONIA           2758         8220         UUCDACOCO GO COCOCOCO COCOCO COCOCOCO COCOCOCO	2719	8311	cceusaga e uggeuuuc	12588	GAAACCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGG	34873
81256         UCURUARCA G GUCUCCCC         12590         GGGGGGGGA, GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81280         CCAUUACGG G GUUGGAG         12591         CUCCAACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81273         AUACCGGC G UUGGAGCA         12592         UGCUCCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81280         AUACCGGC G UUGGAGCA         12593         UGCUCCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81281         AUACCGGC G UUGGAGCA         12593         UGCUCCAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81281         UUCGGCAA         12594         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81281         UUCGGCAA         12595         UGCCCCUTA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81291         UUCGAGCA         12597         UGCCCCUTA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81290         GACCUUCA         12599         GAAUUUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81290         GACCUCAC         12560         ACCUCACC         12560         ACCUCACC           81291         CCCUCGGG         UGCACCCC         12661         ACCUCACC         GAGACGG         GGAGGAAACUCCCUUCAAGGACAUCGCGGG           81200         ACCUCACC         12601         ACCUCACC         GAGACGGG	2723	8307	0	12589	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34874
6280         CCMUACGG G UGGGAGG         12591         CUCCAÁCO GARGGAAACUCCCUUCAAGGACAUCGUCGGG           8278         AUACCGGC G UGGGAGG         12592         UGCUCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8278         AUGCUGGG         12593         UGCAGGAAACUCCCUUCAAGGACAUCGUCGGG           8278         AUGGAGGA         12594         AGAUGGAGAAACUCCCUUCAAGGACAUCGUCGGG           8285         AUGGAGGA         12597         UGCAGCAAACCCCUUCAAGGACAUCGUCGGG           8210         AUGGAGGA         12597         UGCACCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8210         AUGGAGGA         12597         UGCCCCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8210         AUGCACUA         12597         UGCCCCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8210         ACCUCCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8210         ACCUCCAG         GAACCAGG         12601         ACCOGGGAAACUCCUCCAGGAGAACUCCCUCCAGGACAACUCCGUCGGG           8110         ACCUCCAG         GAACCACACA         12601         ACCOGGGAAACCCCCUUCAAGGACAUCGUCGGG           8120         ACCUCCAG         GAACCACACA         12601         ACCOGGAGAAACUCCCUUCAAGGACAUCGCGGG           8121         ACCUCCACA         GACCACACA         12601	2734	8296	O	12590	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34875
8278         AUROCGGO G UTGGRAGCA         12593         UGCUCCOA         GARGGRAAACUCCCUUCAAGGACAUCGGGGGGGGGGGGGG	2750	8280	Ø	12591	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34876
82312         GOUGUIDGA         13593         UGGAGGUID GRAGGAAACUCCCUUCAAGGACAUCGUCGGGG           82485         BUUGGAGGA         GUCCUUCU         12594         AGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           8245         BUUGGAGCA         12595         CUCUCAUG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8241         BUUCGGCA         12596         UGCCCCUA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8231         AUGURAGGA         CACAACUCA         12596         UGCCCCUA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8231         AUGURAGGA         CACAACUCA         12599         UGCCCCUA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8230         ACCUTUCA         12599         UGCCCCUA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         ACCUTUCA         12500         ACCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8119         CCCUCGAA         CCCUCGAA         12601         ACCGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8110         UCCCUCGA         GUCCUCACA         12602         ACCGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8110         UCCCUCGA         GUCCUCACA         12602         ACCGAGAAACUCCCCUUCAAGGACAUCGUCCGGG           8110         UCCCUCACA         GUCCUCACA         12602         GUCUCACACCCCUCCAGGACACCCCUCCAGGACACACCCCUCCAGGACACACAC	2752	8278	O	12592	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34877
6269         UNGGRANG         12594         AGRUGGAD         GGAGGADAACUCCCUUCAAGGACAUCGUCCGGG           82451         GACUUGGG         6 CUGUGANG         12596         CUCACAUG         GGAGGADAACUCCCUUCAAGGACAUCGUCCGGG           82451         AUGGGANA         12599         UGCCCCTA         GGAGGADACUCCCUUCAAGGACAUCGUCCGGG           8235         AUGCAGAGA         12599         UGAGGACAAACUCCCUUCAAGGACAUCGUCCGGG           8230         GGAGCACAA         12599         UGAGGACAAACUCCCUUCAAGGACAUCGUCCGGG           8230         ACCUUCAC         CACAAAUC         12599         GGAGGACAACUCCCUUCAAGGACAUCGUCCGGG           8130         ACCUUCAC         CACAAACUC         12600         UGAGGACAACUCCCUUCAAGGACAUCGUCCGGG           8139         ACCUUCAC         CACAACUC         12601         UGGCUCGG         GGAGCAGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         GGACCAG         UCCUCAAC         12603         ACUGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8130         UCCUCACC         UCCUCAAC         12603         ACUGGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8118         UCCUCACC         UCCUCACC         UCCUCACC         UCCUCACCCCCUCAAGGACAAUCGUCCCGGG           8118         UCCUCACC         UCCUCACC         UCCUCACC         UCCUCACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	2758	8272	ø	12593	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34878
6245         GACUTURGO G CALUGUAGO         12559         CCURCAUD GGAGGAAACUCCCUUCAAGGACAUGGUCCGGG           8241         UUCGGAGGA         13596         UGGCCCTGA         GGAGGAAACUCCCUUCAAGGACAUGGUCCGGG           8230         AUGUAGCAC         12596         UGGCCCTGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8230         GGGGCAGA         12596         UGCAGCAC         12509         GAAUUUU           8220         ACCUUCAC         12501         UGCCCCTGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAC         12501         UGCGCCCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCCUCGGU         GCACCAGU         12602         ACUGGCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCCUCGGU         GCACCAGU         12602         ACUGGUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81194         UCCCUCGGU         GCACCAGU         12602         ACUGGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81105         CCCUCGGU         GCACCAGU         12602         ACUGGCCCCUCACCCUUCAAGGACAUCGUCCGGG           81107         CCCUCGGU         GCACCAGU         12602         ACUGGCCCCCUCCCUCCCUCCCUCCAGGACACCCCUCCCCCCCC	2761	8269	O	12594	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34879
623.1         UNICGGCAU G UAGGGCA         12559         UGCCCCUTA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8235         AUGUAGGUG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAC         0.25597         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUUCAC         0.20AAUUC         12599         GAAUUUUG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG           8120         ACCUUCAC         0.20ACACA         12601         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         ACCUUCAG         0.20ACACA         12601         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         UCCCUUCAG         0.20ACACA         12601         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8124         UCCGGGG         0.20ACACA         12603         ACCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8125         CCCAAGUCC         12603         ACCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8126         UUCCAACA         12603         GCAUGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8127         UCCCUCAA         0.00CUCAAC         12603         GUUCAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8128         UCCCUCAA         0.00CUCAAC         12603         GUUCAGAAACUCCCUCCCUCCAAGGACAUCGUCCGGG           8128         CGCUCAACA         0.00CUCAACA         12603         UUU	2785	8245	O	12595	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34880
6135         AUGUAGGG O CAGAGCA         12597         GUGCUCUG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           81310         ACCUROCAS O CACAGAG         12598         UGAAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         ACCUROCAS O CACCUGGG         12600         ACCGAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8120         ACCUROCAS O CACCUGGG         12601         MGGUCGCUCCUUCAAGGACAUCGUCCGGG           8139         GGCCCUCG O UGCACAC         12601         MGGUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         GGCCCUCG O UGCACAC         12601         MGGUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         UCCCUCGAG         12602         ACCGAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8113         UCCCUCGAG         0 UCCUCAAC         12603         ACCGACUGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8114         UCCCUCAAC         0 UCCUCAAC         12604         GUUGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8115         UCCCCCAAA         12607         GUUGGAGAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCCCCCAAA         12609         UUGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCCCCCAAA         12600         UUGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8110         UCCCCAAAA         12600         UUGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           8110         U	2789	8241	G	12596	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34881
8230         GGGGCNARIA G CACCTUCA         12598         UGAAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8220         ACCUTOCA         12599         GAAJUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8206         UUCCCUUC         CCCUCGGU         12601         ACCGAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8199         GGCCUCGG         12601         JGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         B199         UGGGGCA         12602         ACCGAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UGGGGCA         12603         ACGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8180         UGCAGCAC         12603         ACGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8181         UGCAGCAC         12603         ACGGGCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8182         UCCUCGAU         UCCUCAAA         12606         UUGAAGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8184         UCCUCGAU         UCCUCAAA         12607         GUCAAGGAGAACUCCCUUCAAGGACAUCGUCCGGG           8185         CCUCCGAN         12607         GUCAAGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8186         CCUCCGAN         12607         GUCAAGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8186         UUCCCCAA <t< td=""><td>2795</td><td>8235</td><td>O</td><td>12597</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>34882</td></t<>	2795	8235	O	12597	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34882
6220         ACCUUCho G CAAANUUC         12599         GAAUUUUG GGAGGAACUCCCUUCAAGGACUCGGCGGG           8206         UUCCCUUG         GCCCUUGGG         12600         ACCGAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         GGCCCUUG         12602         ACUGGCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         CCCUCGGG         12603         ACUGGCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8139         UCGCUCGG         12603         AGGACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8130         UCGCUCGAC         12603         AGGACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8130         UCGCADAUC         12604         GUUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81150         UCGCADAUC         12605         UUGANGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81150         UCGCADAUC         12606         UUGANGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81161         CACCUCAA         12607         UUGANGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81170         UCCCCAAAC         12608         UUGANGGAAACUCCCUUCAAGGACAUCGUCCGGG           81170         UCACAAAA         12610         UUGUAGAAA         12610         UUGUAGAAA         12610         UUGUAGAAACUCCCCUUCAAGGACAUCGUCCGGG	2800	8230	O	12598	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34883
8206         UUCCCUUDG G CCCUCGGU         12610         ACCGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8199         GGGCCCUCG         12611         UGGCUGCA         GAGCUCGG           8197         GGCCCUCGGG         12602         ACCGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCCGUGGG         G CAROUCG         12603         AGGAGCAGGAAACUCCCUUCAAGGACAUCGUCGGG           8196         UGCGUGGA         G CCAROUCG         12604         GUUGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8197         UCCGUCGAG         G UCCUCAAC         12604         GUUGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCCGUAGU         G UCCUCAAA         12609         UUGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCCCCAAAU         12609         UUGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8118         UCUCCGAU         12609         UUGUGGAAACUCCCCUUCAAGGACAUCGUCGGG           8105         CAACUACA         12609         UUGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8108         CACAUACA         12610         UUGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8108         CACAUACA         12610         UUGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG           8108         CACAUACA         12610         UUUGUGGAAACUCCCCUUCAAGGACAUCGUCCGGG	2810	8220	Ø	12599	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34884
8199         GGCCCUCG         UGGCUGCA         12601         UGGCUCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8194         CCCUCGGU         G GAGCCAAACUCCCUUCAAGGACAUCGUCGGG           8194         CCCUCGGU         CCCUCGGU         GAGACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8194         UCGGUGCA         C CCAGUCCC         12603         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8152         CCCGAAUC         12605         GCAUNGGA         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           8155         CCCCGAAUC         G UCCUCAA         12606         UUGAAGGA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CACUCCAN         G CACUUGA         12609         UUGUAGGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CACUUGA         G CACUUGA         12609         UUGUAGAA         12600         UUGUAGAA         12600           8118         CACUUGA         G UCACAAAC         12610         UUGUAGAACUCCCUUCAAGGACAUCGUCCGGG         6000<	2824	8206	O	12600	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34885
8197         CCCUGGGU G CAGCCAGU         12602         ACUGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8194         UCGGUGCA G CCAGUCCU         12603         AGGACUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           8194         UCGGUGCA G UCCUCAAC         12604         GUUGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           8115         CCCCAAAUC         UCCUCAAC         12604         GUCAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           8116         CCCCAAAUC         UCCUCAAC         12607         UUGAAGAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCUCCAAA         UCCCAAAC         12607         GUCAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         UCUCCAAAC         12607         GUUGUGAAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         UCUCCAAAC         12610         GUUGUGAAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCUCAAAC         12611         UCUTUGUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCUCAAC         12613         CAUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         UCUUCAAC         12613         CAUUGUCA         GAGGUCCA         12613         CAUUGUCA           8086         UCUUCAUC         12613 <td< td=""><td>2831</td><td>8199</td><td>O</td><td>12601</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>34886</td></td<>	2831	8199	O	12601	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34886
8194         UCGGUGCA G CCAGUCCA         12603         AGGACUGG GGAGGAAACUCCCUCAAGGACAUCGUCCGGG           8150         UGCAGCCA G UCCUCAAC         12604         GUUDAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8151         CCCGAAUU G UCCUCAAA         12605         GUANAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8155         CGUCCUCAA         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8118         CACUUGAG         GCUUUGAG         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8118         UCUCCGAU         UCACAAAG         12606         UUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8105         AAAGGAGG         UUCACAACA         12609         UUGUGGAACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8108         CUCAGAGG         UCCACAAGG         12610         UUGUGGAAACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCAGAGG         UCGACAAGG         12610         UUGUGGAAACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8108         CUCAGAGG         UCGAGGAAACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           808         CUCACAAGG         UCGAGAAACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           808         UCUCACAAGG         UCCAUCAC         12613         GG	2833	8197	O	12602	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34887
8190         UGCAGCCA G UCCUCAAC         12604         GUUGAGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8152         CCCGAAUC G UCCUANG         12605         GCAUNGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8154         CGCCGAAUC G UCCUACAA         12606         UUGAAGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8118         CACUUCAA         G CUUUCAAA         12609         UUGUGAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAGG G UGUCACAA         12609         UUGUGACAACCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAGG G UGUCACAA         12610         UUGUGACAACCCCUUCAAGGACAUCGUCCGGG           8108         CUCAGAAG         12610         UUGUGAGAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCAGAACA         12610         UUGUGAGAACUCCCUUCAAGGACAUCGUCCGGG           8108         CUCAGAACA         12611         UUGUUCAGAGACAUCGUCCGGGG           8108         UCUUCAUGAGGACAUCGUCCGGGGGGGAACUCCCUUCAAGGACAUCGUCCGGG         8004         8004           8108         UCUUCAUGAGGACAUCGUCCGGGGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         8004         8004         8004           802         UCUUCAUGAGGACAUCGUCCCUUCAAGGACAUCGUCCGGGGGGGG	2836	8194	Ø	12603	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34888
8152         CCCGRANC         UCCDANGGA         GCAUAGGA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8155         CGUCCUAU         G CACUUCAA         12606         UUGAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           81181         CACUCCAA         12609         CUUGAGGA         12609         CUUGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAGG         G UGCACAACA         12609         UUGUGUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAGG         U UCCACAACA         12610         UUGUGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG         12610         UUGUGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG         12611         UCUGUCCCUUCAAGGACAUCGUCCGGG           8087         UCUCANG         U UCUCACA         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           807         UUGACAAU         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           807         UUGACACU         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           807         UUGACACA         12613         AACUGUCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           807         UUGACUCAU         12612         GUGUUCA	2840	8190	O	12604	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34889
8155         CGUCCUNU G CUCUUCAA         12606         UUGAAGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         CAACCUCA G CACUUGAC         12607         GUCAAGUG GAGGAAACUCCCUUCAAGGACAUCGUCGGG           8118         AAAGAAG         0 UCACAAAG         12608         CUUIGUGA         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           8105         AAAGAAG         0 UCACAACA         12619         UUGUGACA         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           8108         AGAGGGU         0 UCUCANG         12610         UUGUGAACACCCUUCAAGGACAUCGUCGGG           8082         CUCAAAAG         12611         UUGUACAGACACUCGUCCCGGG           8046         UUCUCANG         0 UGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         UUCUCANG         12613         CAUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUAACUU         0 UCCCUUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG         60AGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUAACUU         0 UCGCGCA         12613         CAUUCAGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU         0 UCGCGGC         12614         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU         1 UCGCCCU         1 12613         AUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8021         UUGCCCU	2868	8162	Ø	12605	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34890
8141         CARCCUCA G CACUUGAC         12607         GUCAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8118         UCUCCGAU G UCACAAAG         12608         CUUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGGAG G UCUCAAAG         12609         UUGUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8106         AGGAGGAA         12610         UGUUCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUC         UCUCAAGA         12611         UCUUCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8084         UCUUCAG         UAGAACAC         12613         CAUUGUCC         CAUUGUCCGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         UCUUCAG         UAGACAG         12613         CAUUGUCC         CAUUCAGGACAUCGUCCGGG           8029         UUCUCAG         UACACAGG         12613         CAUUGUCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         UUCUCAG         UUCCAUCC         12614         GGAUGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUDACAUU         GACUUCAU         12615         AACUAGGACAUCCCUUCAAGGACAUCGUCCGGG           8029         AUDACAUU         GACUUCAU         12616         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGGAGA         12617         AUGACCCCUUCAAGGACAUCGUCCGGG	2875	8155	O	12606	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34891
8118         UCUCCGAU G UCACAAAG         12608         CUUUGUGAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8105         AAAGAGG G UGUCACAA         12619         UUGUGACA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8106         AAAGAGG G UGUCACAA         12610         UGUUGUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCACAAG         12611         UCUACAGG AACUCCCUUCAAGGACAUCGUCCGGG           8087         GAAGGAACA         12611         UCUACAGG GAAGGAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU G UACAACC         12613         CAUUGUCA GAAGAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU G CACUAGUU         12615         AACUAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         UUGCACUA         12616         AACUAGGA GAAGCACCCUUCAAGGACAUCGUCCGGG           8018         UUGCACUA         12615         AACUAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         UUGCACUA         12616         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         UUGCACUU         12617         AUGACCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         CCCUUUGU         UCCGGGAC         12619         ACCCCGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGCGUUG         UGCCGGGA         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	2889	8141	ø	12607	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34892
8105         AAAGGAGG G UGUCACAA         12609         UUGUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8103         AGGAGGGG G UGCAACA         12610         UGUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCUGUAGA         12611         UCUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUC G UAACAAUG         12612         GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8084         UCUUCAUG G UAACAAUG         12613         CAUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8024         UCUUCAUG G UAACAAUG         12613         CAUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU G CACUUCAU         12615         AACUCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UUGUCAUU G UCCCGGGC         12616         AACUCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8008         UUGUCAU G UCCCGGGC         12616         AACCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8009         CUCUUCAU G UCCCGGGC         12618         AACCCCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGGGACC         12619         ACCAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UCCCCGG         GCCCUUUGU         12619         ACCAAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         UUUUGUG         UCCCCUUUGU	2912	8118	D	12608	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34893
8103         AGGAGGGU G UCACAACA         12610         UGUUGUGA GAGAAACUCCCUUCAAGGACAUCGUCCGGG           8086         CUCAGAAG G UCUGAGA         12611         UCUACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUCU G UAGAACAC         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8054         UCUUCAUG G UAGAAUG         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU G CACUAGUU         12614         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUAACUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGCGCC         12616         ACCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         UUGCAUCA         12615         AACUAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGGGGC         12616         AGCCCCAA         GGAGGAACCCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU         UCCGGGAC         12619         ACCCCCAA         GGAGGAACCCCUUCAAGGACAUCGUCCGGG           7991         CCCGGGACC         CCCUUUGU         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCGGGACC         CCCUUUGU         12620         ACAAAGGG	2925	8105	O	12609	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34894
8086         CUCRAGANG G UCUGUNGA         12611         UCURACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8082         GAAGGUCU G UAGAACAC         12612         GUGUUCUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8054         UCUUCAUG G UAGAACUC         12613         CAUUGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACUUU G UUCCAUC         12614         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACUUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGCUCCU         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         UUGCACUA         12615         AACUAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGCGGAC         12616         AGCCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8018         CUCUUCAU         12617         AUGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCCCUUUGU         UCCGGGA         GAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCCCUUUGU         UGCCCGA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCCCUUUGU         UGCCCCUU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7992         CCCUUUGU	2927	8103	Ф	12610	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34895
8082         GRAGGUCU G UAGAACAC         12612         GUGUUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8054         UCUUCAUG G UGACAAUG         12613         CAUUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8029         AUBAACUU G CACUAGUU         12615         AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA         12616         AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGG         CUCUUCAU         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU         12618         AUGCCCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGGGAC         CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGGGAC         GCCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UUGCCCUU         12629         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         UUGCCCUU         12621         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCUUUGU         UUGCCCUU         12621         AGAGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989	2944	8086	0	12611	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34896
8054         UCUUCANUG G UGACAANUG         12613         CAUUGUCA         GGAUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8026         AUBACUUU G CACUAGUU         12614         ABACUAGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8029         AUBACUUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8023         UUGCACUA         12616         AGCCCCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8017         UAGUUGGG         CUCUUCAU         12617         AUGAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU         UCCGGGAC         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCGGGACC         CCCUUUGU         12619         ACAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         UGCCGGA         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         UGCCCCUU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         UAUCCCCUU         12621         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         UAUGGCCAUA         12623         UAUGGGGAA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	2948	8082	ט	12612	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34897
8046         GUGACAAU G UUCCAUCC         12614         GGAUGGAA GGAGGAAACUCCUUCAAGGACAUCGUCGGGG           8029         AUAACUUU G CACUAGUU         12615         AACUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA G UUGGGGCU         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU G UCCGGAAC         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGGGACC G CCCUUUGU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCCCUUUGU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCCCUUUGU         12620         AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         12620         AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           7999         CCCCUUUGU         12621         AGAGGGUAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7959         UUUUGGGUU         UACCCCUU         12621         AGAGGGUAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7959         UUUUGGGUU         UACCCCUU         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7956         UUUUGGGUU         UACCCUUC         12623	2976	8054	O	12613	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34898
8029         AUAACUUU G CACUAGUU         12615         AACUAGUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8023         UUGCACUA G UUGGGGCU         12616         AGCCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           8008         CUCUUCAU G UCCGGAC         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CCGCUUUGU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGCUUUGU         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12620         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCCUUUGU         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         UUUUUUGG         UUGCCAUA         12622         UAUGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7956         UUUUGGUU         UACCCAUA         12623         UAUGGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         UAACACCA         12623         UAUGGGUA         GGAGGAAACUCCUUCAAGGAC	2984	8046	D G	12614	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34899
8023         UNGCACUA G UUGGGGCU         12616         AGCCCCAA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU G UCCGGAC         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCGGGACC         CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CCGCUUUGU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU         UACCCUUC         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU         UACCCCUU         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU         UACCCCUU         12621         AGAGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         UUUUGGUU         UACCCCUU         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         UACCCAUA         12623         UAUGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         UACCCAUC         12623         UAUGGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         UAC	3001	8029	ט	12615	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34900
8017         UAGUUGGG G CUCUUCAU         12617         AUGAAGAG GCAGCAAACUCCUUCAAGGACAUCGUCCGGG           8008         CUCUUCAU G UCCGGAC         12618         GUCCCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7998         CCGGGACC         CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CGCCUUUGU         12620         AGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU         UACCCUUC         12621         AGAGGGUACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7958         UUUUUUGG         UUCCCAUA         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUUGGGU         CCAUNAUA         12622         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUUGGGU         CCAUNAUA         12623         UAUGGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUNUA         UACAACCA         12623         UAGUGGUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         CCCUUUGU         UACAACCA         12624         UGGUGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         CCCUUUGU         UACAACCA         12624         UGGGGUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955	3007	8023	Ø	12616	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34901
8008         CUCUUCAU G UCCGGGAC         12618         GUCCCGGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG           7998         CCGGGACC G CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7991         CGCCCUUU G UGUACCCU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7956         UUUUGGGUU G CCAUAUAG         12622         UAUGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         UUUUGGGUU G CCAUAUAG         12623         CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         GCCAUAUA         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7956         CACCAACC         CCAUAUAG         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CACCAACC         CCUCUUCC         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CACCAACC         CCUCUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7957         CACCAACC         CCUCUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCUUCC         12624         UGGAGGAAACCCCUUC	3013	8017	פ	12617	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34902
7998         CCGGGACC G CCCUUUGU         12619         ACAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7991         CGCCCUUU G UGUACCCU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7958         UUUUUGGGU G UUGCCAUA         12622         UAUUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUUGGUU G CCAUAUAG         12623         CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUAUA         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7935         CACCAACC         CCCUUUCC         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7936         CACCAACC         CCCUUUCC         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7937         CACCAACC         CCCUUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7937         CACCAACC         CCCUUUCC         12624         UGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCUUCC         12625         GGAAGGAAACUCCCUUCAAGGACAUCGUCGGG           7917         CAUCUUCC         12624         UUCUCGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           7917         CACCAACC         UUCGAACC         12624	3022	8008	D	12618	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34903
7991         CGCCCUUG G UGUACCCU         12620         AGGGUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7989         CCCUUUGU G UACCCUCU         12621         AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7958         UUUUUUGG G UUGCCAUA         12622         UAUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7955         UUUGGGUU G CCAUAUAG         12623         CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7947         GCCAUAUA         G UAACACCA         12624         UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7935         CACCAACC         CCCUUCC         12624         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCCAACC         CCCUUCAA         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         GCCAUACACA         12625         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         UCCAACCA         12625         GUGAUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         UCCAACCA         12625         GUGAUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         UCCAACCA         12625         GUGAUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           7917         CAUCAACC         UUCGAACCA         UUCUCGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG	3032	7998	ອ ປ	12619	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34904
7989 CCCUUUGU G UACCCUCU 12621 AGAGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UDUUUUUGG G UUGCCAUA 12622 UAUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAUAUA G UAACACCA 12623 CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCAUAUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCUUCAACC G CCCUUCA G UAACACCA 12624 GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCUUCAAGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCUUCAAGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG COCCUUCAAGGACAUCGUCCGGG COCCGGG COCCUUCAAGGACAUCGUCCGGG COCCGGA COCCUUCAAGGACAUCGUCCGGG COCCUUCAAGGACAUCGUCCGGG COCCUUCAAGGACAUCGUCCGGG COCCGGA COCCUUCAAGGACAUCGUCCGGG COCCUUCAAGGACAUCCGUCCGGG COCCUUCAAGGACAUCGUCCCGGG COCCUUCAAGGACAUCGUCCCUUCAAGGACAUCCGCGG COCCUUCAAGGACAUCCGUCCGGG COCCUUCAAGGACAUCCGUCCGGG COCCUUCAAGGACAUCCGUCCGGA COCCUUCAAGGACAACCUCCCUUCAAGGACAACCCCUUCAAGGACAACCCGGG COCCUUCAACACCAACCACCAACCAACCAACCAACCAACC	3039	1991	Ø	12620	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34905
1958 UNUUUUGG G UUGCCAUA 12622 UAUGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1955 UUUGGGUU G CCAUAUAG 12623 CUAUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1947 GCCAUAUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1955 CACCAACC G CCUCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1957 CAUCCAAC G UCCAUCC 12625 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 1957 UCCGACCG G UUCGAAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3041	7989	Ф	12621	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34906
1955 UUUGGGUU G CCAURUAG 12623 CURUNAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7947 GCCAURUA G URACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7935 CACCAACC G CCUCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAAG G UCAAUCAC 12625 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 UCCGACCG G UUCGAGAAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3072	7958	O	12622	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34907
7947 GCCAUAUA G UAACACCA 12624 UGGUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7935 CACCAACC G CCUCUUCC 12625 GGAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7897 UCCGAACCG G UUCGAGGA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3075	7955	0 0	12623	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34908
7935 CACCAACC G CCUCUUCC 12625 GGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG G UCCGACCG G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3083	7947	A G	12624	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34909
7917 CAUCCAAG G UCAAUCAC 12626 GUGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 7897 UCCGACCG G UUCGAGAA 12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3095	7935	Ö	12625	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34910
7897 UCCGACCG G UUCGAGAA   12627 UUCUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	3113	7917	ø	12626	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34911
	3133	7897	ø	12627	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34912

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3148	7882	AAACCUCC G UUCGACCA	12628		34913
31.57	7873	ø	12629	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34914
3166	7864	CCAUCUCA G UUUUGCUG	12630	CAGCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	34915
3171	7859	UCAGUUUU G CUGUGCCC	12631	GGGCACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACUGA	34916
3174	7856	GUUUUGCU G UGCCCCUA	12632	UAGGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAAAC	34917
3176	7854	UNUGCUGU G CCCCUAGA	12633	UCUAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAA	34918
3193	7837	GACUGGAU G CCCUCCAG	12634	CUGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAGUC	34919
3201	7829	GCCCUCCA G UGACAUUG	12635	CAAUGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGGGC	34920
3209	7821	GUGACAUU G CCUUCUUU	12636	AAAGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUCAC	34921
3222	7808	connecting a capation	12637	AAAACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAAAG	34922
3224	7806	unccusec e nemmaec	12638	GCAAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGGAA	34923
3226	7804	ccueeceu e uumecce	12639	CGGCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCAGG	34924
3231	7799	CGUGUUUU G CCGCUGAG	12640		34925
3234	7796	GUUUUGCC G CUGAGCGA	12641	UCGCUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAAAC	34926
3239	7791	GCCGCUGA G CGAUCGAC	12642	GUCGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCGGC	34927
3258	7772	CGAUGAUG G CCUCUUUG	12643	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUCG	34928
3266	7764	accueunu a caanaceu	12644	AGGUACCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGGC	34929
3269	7761	UCUTUGGG G UACCUAGU	12645	ACUAGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAAAGA	34930
3276	7754	GGUACCUA G UGAACUCU	12646	1	34931
3291	7739	CUUCUUUU G UCAUCUGG	12647		34932
3299	7731	GUCAUCUG G UUGAGUCU	12648	AGACUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGAC	34933
3304	7726	CUGGUUGA G UCUUCUU	12649	AAGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCAG	34934
3330	7700	CUCCCAAG G UGCGUCCU	12650		34935
3332	7698	CCCAAGGU G CGUCCUUU	12651	- 1	34936
3334	9692	CAAGGUGC G UCCUUTUG	12652	- 1	34937
3342	7688	GUCCUUUU G CCCCACCU	12653		34938
3358	7672	UCUUUUUA G UCCUGGUU	12654		34939
3364	9992	UAGUCCUG G UUUUUCCA	12655	UGGAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGACUA	34940
3374	7656	UUUUCCAU G UUCUUUAU	12656		34941
3385	7645	CUUDAUGA G UGUCCAUG	12657		34942
3387	7643	UNAUGAGU G UCCAUGUU	12658		34943
3393	7637	GUGUCCAU G UNAUGGAU	12659		34944
3424	9094	ACCCCCAC G CAUGAUGU	12660	ACAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGGGGU	34945
3431	7599	CGCAUGAU G UGGCAGAG	12661	CUCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCG	34946
3434	7596	AUGAUGUG G CAGAGUCC	12662		34947
3439	7591	GUGGCAGA G UCCGAUGG	12663	- 1	34948
3447	7583	Ω.	12664		34949
3450	7580	CGAUGGCA G UUGUUGCG	12665	CGCAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAUCG	34950
3453	7577	uggcaguu g uugcauuc	12666		34951
3456	7574	CAGUUGUU G CGUUCCAA	12667	UUGGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACUG	34952

Table XII

3458	7572	GUUGUUGC G UUCCAAAC	12668	GUUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAACAAC	34953
3470	7560	CAAACAGA G CUUGCUCC	12669	GGAGCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGUUUG	34954
3474	7556	cydydcan e caccynac	12670	GAAUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUCUG	34955
3490	7540	CUCCCAAA G CGUCACCG	12671	CGGUGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGGAG	34956
3492	7538	o	12672	AGCGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUGGG	34957
3498	7532	ecencycc e cneceecc	12673	GGCCGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUGACGC	34958
3501	7529	ncyccecn e ceeccene	12674	CACGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGUGA	34959
3504	7526	ccecnece e cceneanc	12675	GAUCACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGCGG	34960
3507	7523	cueceece e nevncyyy	12676	UUUGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCGCAG	34961
3522	7508	AAAUUCCG G CUUCUCGU	12677	ACGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUUU	34962
3529	7501	മാവാവായ വാവാടാ	12678	AGACAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGAAGCC	34963
3534	7496	cocenaco e ocoocaca	12679	UGUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUACGAG	34964
3548	7482	O	12680	GUAGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGUCUGU	34965
3561	7469	50 G	12681	UCUAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUAGUAG	34966
3564	7466	CUACUGCA G CUAGAGAC	12682	GUCUCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGUAG	34967
3583	7447	O	12683	AGAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCUUG	34968
3592	7438	Ö	12684	AAGUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCAUG	34969
3607	7423	Ö	12685	CCAUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGAAA	34970
3616	7414	Ö	12686	GCACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUCAUG	34971
3618	7412	30 G	12687	GCGCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAUCA	34972
3621	7409	uadanana a nacacncn	12688	AGAGCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACCCA	34973
3623	7407		12689	UVAGAGCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACACC	34974
3625	7405	b	12690	AAUUAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACCACA	34975
3641	7389	O	12691	GCCACGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCCAGA	34976
3645	7385	O	12692	CGUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACGUCC	34977
3648	7382	cgucceug a ccacgaug	12693	CAUCGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGGACG	34978
3656	7374	ø	12694	GUGGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUGGC	34979
3669	7361	o	12695	GAAGAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUAGUGG	34980
3671	7359	ဗ	12696	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	34981
3687	7343	O	12697	GACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUCA	34982
3690	7340	O	12698	GCGGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCGGAA	34983
3693	7337	D	12699	GCGGCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCCG	34984
3697	7333	cacnance a ccacnaea	12700	CCCAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACAGCG	34985
3700	7330	o	12701	CAGCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA	34986
3705	7325	3G G	12702	GCGCUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCGGC	34987
3710	7320	O	12703	GCAAUGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGCCCA	34988
3712	7318	ည်	12704		34989
3717	7313	Ð	12705	AGCUGAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAUGCGCU	34990
3723	7307	e S	12706	UUGGCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGCAA	34991
3727	7303	CUCAGCUU G CCAACCGG	12707	CCGGUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUGAG	34992

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3743	7287	0 0	12708	UAUGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGUUCC	34993
3747	7283	ccauguag g canagugg	12709	1	34994
3752	7278	უ	12710		34995
3755	7275	O	12711		34996
3766	7264	ø	12712	ı	34997
3768	7262	0 0	12713	AGCGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCUUU	34998
3771	7259	D D	12714	AACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACUCC	34999
3774	7256	២	12715	GGUAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAC	35000
3777	7253	ס	12716	UACGGUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	35001
3783	7247	ပ	12717	1 1	35002
3789	7241	O	12718	CACCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUUACGG	35003
3795	7235	უ ე	12719		35004
3802	7228	GGUGACUU G UCCCCAGC	12720	1	35005
3809	7221	O	12721	ł	35006
3816	7214	D L	12722	GCUAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUGCU	35007
3819	7211	AUCCGGCU G CUAGCAGG	12723	CCUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	35008
3823	7207	0	12724	CUCUCCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGCAGCC	35009
3831	7199	GCAGGAGA G CCGACACU	12725	AGUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGC	35010
3860	7170	9	12726		35011
3865	7165	9	12727	CACUCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCUUC	35012
3867	7163	AGCCUCGC G CGAGUGUG	12728	CACACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAGGCU	35013
3871	7159	ପ	12729	UAUUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCGCGA	35014
3873	7157	0	12730	ACUAUUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCGC	35015
3880	7150	0	12731		35016
3882	7148	υ	12732	GGCAAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAUUCA	35017
3888	7142	0	12733	CGUUCAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGUGCAC	35018
3896	7134	0	12734	UCAAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCAGGC	35019
3906	7124	ט	12735		35020
3915	7115	Ö	12736	- 1	35021
3917	7113	٥	12737	UACAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAUU	35022
3923	7107	0	12738		35023
3933	7097	Ö	12739		35024
3943	7087	O	12740	UGCUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUGAUC	35025
3949	7081	۳	12741	CUCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGCAU	35026
3952	7078	0	12742	UCACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAAAG	35027
3957	7073	٥	12743	GGUCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACUGC	35028
3966	7064	0	12744		35029
3969	7061	Ö	12745	UGUGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGUCC	35030
3972	7058	0	12746	CGCUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCGG	35031
3978	7052	UUGUCACA G CGUACAGU	12747	ACUGUACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGACAA	35032

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1.	3980	7050	encycyec o nycyeney	12748	UCACUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUGAC	35033
703.7         GURDACOAR O LOURIDACE         1275.0         GECCRACAR GRAGARANCICCCUUCAAGGACANCICGCGGG ALGCUGGU           703.1         ACCAGGCU O UNGCCGGC         1275.2         GCCGGCCAR         GGAGGAAACUCCCUUCAAGGACANCICGCCGGG ALGCUGGU           703.1         ACCAGGCU O UNGCCGG         1275.3         GAGGCGAA         GGAGGAAACUCCCUUCAAGGACANCICGCCGGG ALGCACA           703.2         GGCCACAAA         1275.3         GAGGGAAACUCCCUUCAAGGACANCICGCCGGG ALGCACAACA           659.5         VULCCCAA         0 UCAAAGG         1275.4         ALAUCUUG         GGCGACAAA           659.1         AUNUCUCA         1275.5         ALAUCUUG         GGCGACAAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         AUNUCUCA         1275.6         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         AAUNUCUC         1275.6         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         AAUNUCUC         1276.7         GACAGCAAAAAAA           659.1         ACCAGUCC         1275.6         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         ACCACUUCA         1276.6         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         CUCCUUCA         1277.6         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG ALGCACAACA           659.1         CUCCUUCA         1277.6         G	985	7045	ပ	12749	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35034
7034         ACCRRACUE O UNOCCOGO         12751         GECGRACIA, GRADABARACUCCCUUCAARGACAUCGUCGGGG AACAGCCU           7027         VIGURGOG         CUCCAAACH         12753         ACUUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAGCC           7027         VIGURGOG         CUCCAAACH         12754         CUUUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAGCC           65970         AAUUCUUU G CCCAAACH         12755         AAUUCUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGACC           65971         AACAAACH         12756         AAUUCUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGACC           65971         AACAAACH         12756         AAUUCUUGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGACC           65971         AACAAACH         12757         AAUUCUUGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAGACC           65971         AACAACHO         12757         AAUUCUUGA GAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGACC           65914         CUMUUCA         12756         AGAGGAAACUCCCUUCAAGGACAUCGGGG AUGAGACC           65914         CUMUCUCA         12766         GAGGAAACCCCUUCAAGGACAUCGGGG AUGAGACCCGGGG AUGAGACCCCGGGG AUGAGACCCCGGGG AUGAGACCCGGGG AUGAGACCCCGGGG AUGAGACCCGGGG AUGAGACCCCGGGG AUGAGACCCGGGG AUGAGACCGGGG AUGAGACCGGGG AUGAGACCGGGG AUGAGACCGGGGGGGGGG	993	7037	٥	12750	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35035
7 7021         4020 GO COCCORDOROR         27752         ARCURGADA O COCOCORDOROR         27753         ARCURGADA O COCOCORDOROR         70721         VARIAGOROROROROROROROROROROROROROROROROROROR	966	7034	Ð	12751		35036
7 7021         URUSOCNO G CUCUAANU         12753         ALUUUGGA GGAGGAAACUCCUUCAAGGACAUCGGGG UUGAGGC           6 8939         UCUCCOLA         6 12754         CUUUUGGA GGAGGAAACUCCCUUCAAGGACAUCGCGGG NUGAGGC           6 8930         AUUUCCOLA         12755         AUUUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         AACAAACU         12757         GACAUAAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         AACAAACU         12757         GACAUAAG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         AACACUG         12759         AAGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         CUCAUCUG         CUUUNUCU         12759         AAGAUGGA GAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         CUCAUCUG         CUUCUUGG         12765         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAAU           6 851         CUCAUCUG         GUCCCAC         12765         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAA           6 851         CUCAUCUG         GUCCCAC         12765         GCGACCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUGAGAACUCCCCGGG AUGAGAACACCCCCUCAAGGACAACCCCCGGG AUGAGAACACCCCCUUCAAGGACAUCGUCGGG AUGAGAACACCCCCCGGG AUGAGAACACCCCCCGGG AUGAGAACACACCCCCCGGG AUGAGAACACACCCCCCGGG AUGAGAACACACCCCCCGGG AUGAGAACACACCCCCCCGGG AUGAGAACACACCCCCCCCGGG AUGAGAACACACACACACACACACACACACACACACACAC	6661	7031	ဗ	12752	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35037
7020   GGCCUCAA G UCCAAAAA   12755   AJUUUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG TUGGAGGA NEGGAGAA   6599   UCUCCCUU G CUGAAAAU   12756   AAUUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAGA   6599   UCUCCCUU G CUGAAAAU   12756   AAUUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAGA   6591   CUCAAAAAU G UCUAAGA   12759   AAGUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAGA   6591   CUCAACCC   12759   AAGUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG   6591   CUCAACCC   12761   GAGGACAAACUCCCUUCAAGGACACACGGGCGGG AGUAGAGA   6591   CUUAAGU G UCCAACCC   12761   GAGGACAAACUCCCUUCAAGGACACACGGGGGGGA ABAACAGCCCUUCAAGGACACACGGGGGGGA AGAACAGGGGGGGGGG	1003	7027	ס	12753	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35038
6999         UUDUCCIAU G UCRAMANI         12755         ANUNUCKA GRAGGAAACUCCUUCAAGGACAUCGUCCGGG ANGGARA           69570         ANDUCCUU G CCCAACA         12756         UGUUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ANGAAUU           69571         ANDUCUU G CCCAACA         12756         UGUUUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ANGAAUU           6951         COCUCUU G UCUMUUCU         12759         AAGAACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ANGAAUU           6591         COCUCUU G UCUMUUCU         12769         AAGAACU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ANGAAUU           6591         COCUCUU G UCUMUUCU         12769         AAGAACA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAACACCCUUCAAGGACAUCGUCCGGG AGAACACCCUUCAAGGACAUCGUCCGGG AGAACACCCUUCAAGGACAUCGUCCGGG AGAACACCCUUCAAGGACAUCGUCCGGG GAACAACACCCUUCAAGGACAUCGUCCGGG GAACAACACCCUUCAAGGACACACGACACACACACACACA	010	7020	O	12754	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35039
6970         AAUUCUUU G CCCAMACA         12756         UGUUUGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAUC           6951         AACAAGU G CUMUUU G TCUAUUU G TCAACUU G GAAGAAACUCCCUUCAAGGACAUCGUCCGGG TACAACGG 6893         TCAACUU G GAAGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGAGA GAACACG CUUCAAGGA TCAACGAGA TCAA	1031	6669	Ø	12755	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35040
6957         ANCARACU G CUUMUSUU         12757         GACAUDARO GAGGGAARCUCCCUUCAAGGACAUCGUCCGGG AGUUGGU           6941         CUGCUUNU         12758         AAGAGGAARCUCCCUUCAAGGACAUCGUCCGGG AGUAGGGG           6941         CHOUCUUN         12759         AAGAGGAARCUCCCUUCAAGGACAUCGUCCGGG CAAGAGGG           6931         CHUUNUCU         12760         UGGGUUGG         GAGGCAAACUCCUCCAAGGACAUCGUCCGGG           6918         CHUUNUCU         UGGGUUGG         GAGGCAAACUCCUCCAAGGACAUCGUCCGGG         GAGAGGAGACAUCCUCCAAGGACAUCGUCCGGG           6918         CUUNCACUC         12761         GCAGCCAGG         12762         AGUGGCAACU           6910         CUUCCACUC         12762         AGUGGCAAACUCCUCCAUCAAGGACAUCGUCCGGG         GAGAGGAGAACUCCUCCAUCAAGGACAUCGUCCGGG           6910         CUUCCACUC         12762         AGUGGCAACA         12764         AGUGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6810         CUUCCACU         12764         UGUUCAUG         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAGAACUCCGUCCGGGGGAAACUCCCUUCAAGGACAUCGUCCGGGGGAGAACUCGUCGGGGGGAGAACUCCCUUCAAGGACAUCGUCCGGGGGGAGAACUCGUCGGGGGGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGAGAACUCGUCCGGGGGGGAACACCCUCCUUCAAGGACAUCGUCCGGGGGGGG	090	6970	യ ഭ	12756	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35041
6 851         CURCUURU G UUCAUCUU         12759         AAGAGUAGA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG AUTAAGCAG           6 851         CURUCUUG G UUCACUCCA         12759         AAGUNAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGAGG           6 851.1         CUUTAUCUCA G CUCACUCCA         1276.2         GGAGCAAACUCCUUCAAGGACAUCGUCCGGG UNGAUNAGG           6 851.2         CUUTAUCUCA G UUGGCUGC         1276.2         AGDGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGAGAA           6 851.4         CUUCAGUGG         1276.2         AGDGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAACA           6 891.5         CUUCAGUGG         1276.3         CGCAGUGG         GAGCAAACUCGUCCACACG           6 892.5         CUUCAGUGG         1276.4         UGUGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAACG           6 893.6         CUACACUGG         CUCACUGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGGG           6 865.5         CUACACUGG         CUCACUGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGGG           6 865.6         GCACACUGG         CUCACUGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGGG           6 866.1         GCACACUGG         CUCACUGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGGG           6 867.1         GCACACUGG         CUCACUGG         GAGGAAAACUCCCUUCAAGGACAUCGUCCAGGG           6 868.2         GCACACUGG         CUCACUGG         CUCACUGG	1073	6957	ซ	12757	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35042
6841         CUUNULUO G UCUNTUUU         1759         AGRUDABAG GARGARACUCCUUCAAGGACUUCUCAGGACUUCUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACUCUUCAGGACAUCGUCCGGG CAACAACGCGAACGACCAACGACCAACGACAACGACCAACGACAACGACCAACGACAACGACCAACGACAACGACCAACGACAACGACAACGACCAACGACAACGACAACGACAACGACAACGACAACGACAACGACACGACG	6201	6951	O	12758	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35043
6931         CUMNUCUA O CCAACCCA         12760         UGGGUUDG G GAAGGAAACUCCCUUCAAGGACUCGGCGGGGGGGGGG	1089	6941	വദ ദ	12759	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35044
6118         CCCANUCUC G UUGGCUAC         12762         GARGCCAA GARGGAAACUCCCUUCAAGGACUCCGOCCGGG GARGUAGA           6914         UCUCGUUG C CUGCCACU         12762         AGUGGCAG GARGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACGAAA           6915         CCUACUGGG         12763         CGCAGGGG         GARGGAAACUCCCUUCAAGGACAUCGUCCGGG           6905         CCUACUGGG         12763         UGUGGGG         GARGGAAACUCCCUUCAAGGACAUCGUCCGGG           6809         GCCACUGG         12765         CUUGUGGA         GARGGAAACUCCCUUCAAGGACAUCGUCCGGG           6809         GCCACUGG         CUCACUGG         GARGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGUGGAGG           6809         GCACUGG         CUCACUGG         CAACACAG         GARGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGGAACUCGUCCGUCCAUCGAGGAACUCGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGAAACUC         GAGGGAAACUC         GAGGGAAACUC         GAGGGAAACUC	4099	6931	ø	12760	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35045
6914         UTUCCAULO G CUGCCACU         12762         AGDIGGCAGO GGARGABAACUCCCUUCAAGGACAUCGUCCGGG CAACGAGA           6915         CGUUGGCG         CCACUUGGG         12763         CGCAGUGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAACG           6903         CUCCACUG         CCACUUGGG         CCACUUGGG         CACUUCACGGACAUCGUCCGGG         AGGCAACG           6903         GCCACUGG         CCUCCACUC         12765         CUUGUGGG         CACUUCACGGACACGCCCUUCAAGGACAUCGUCCGGG         CCUGUUGG           6893         UCACAAGG         CUCACUUC         12766         CCACACUUG         CCACACUUG         CCUUGUUGA         CCUUCUUGA         CCUUCUUGA         CCUUCUUGA         CCUUCUUGA         CCUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCUUGA         CUUCU	4112	6918	O	12761	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35046
6911         CGUUGGCU G CCACUGIGG         12763         CGCAGUGG GGAGGAAACUCCUUCAAGGACAUCGUCCGG         AGCCAACG           6905         CUUGCCUA         12764         UGUGAGAA         12764         UGUGAGAA         12764         UGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGGAACAUCGUCCGGG         AGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGGGAACAUCGUCCGGG         AGGGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCAGCUGG         6859         CACAGCUG         12766         ACAGCUG         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUGUGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUGUGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUGUCGG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUUCUCGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCUUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCUUCCGGG         GGACGAACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCCUUCA         6810         UUCCCUUCA         12771         AGAGGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGCCUUCA         6810         GUUCCUCG         12771         AGAGGAGA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         AGCCUCCG         6811	1116	6914	10 10	12762	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35047
6905         CUBCCALU G CGCUCACA         12764         UGUGABACCG GGAGGAACUCCCUUCAAGGACAUCCGCGG AGUGGCAG           6903         GCCACUGG G CUCACAAG         12765         CUBUCAAGG         GUCACAGG         GUCACAGGG         GUCACAGGG <td>1119</td> <td>6911</td> <td>9 B</td> <td>12763</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>35048</td>	1119	6911	9 B	12763	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35048
6993         GCCACUGC         G CUACLAMA         12765         CUUGUGAA GARGGAACUCCCUUCAAGGACAUCGGGG GCAGUGGC           6893         UACACAAGG         G UADUGACA         12766         UUCACAGG         GARGGAACACG         CCUUGUGA           6869         GGAACACG         C UAGCUGG         12766         UUCACAGG         GARGGAACACG         CCUUGUGA           6865         CACGGCUU         C CAGCUUCA         GARGGAACACG         CCUUGUGG         CCUUGUGG         CCUUGUGG           6865         CACGGCUU         G UUGUCCGG         12769         ACAGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGCCGGG         CACGCGCGG           6856         AGCUGGUU         UCUCUCGG         12771         UCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGGCGGG         CACGCAGCG         6840         AGCUGGUC         GAGCAGAACUCCCUUCAAGGACAUCGGCGGG         CACGAGC         6850         GACUGGUC         UCCCUCGGG         CACGAGCA         GAGAGAAACUCCCUUCAAGGACAUCGGCGGG         CACGAGC         6841         UCCCGAAC         12771         UCCGAGGAAACUCCCUUCAAGGACAUCGGCGGG         CACGAGC         6842         AGCUGGUC         CACGAGCAACAACGACCCUUCAAGGACAUCGGCGGG         CACGAGCACACGGGAACACCCUUCAAGGACAUCGGCGCGGC         CACGAGCACACACGGAACACCCUUCAAGGACAUCGGCCGGG         CACGAGCACACACGGAACACCCCUUCAAGGACACCCUUCAAGGACACCCCUCCAGGACACACAC	1125	6905	Ð	12764	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35049
6893         UCADAGG G UCRUBACA         12766         UGUCAUGA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUGUAG           6869         GGAACACG G CUAGCUGG         12767         CCAGCUAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGUUGUCC           6861         GCUGGUUG         12768         ACAGACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCUAGC           6864         GCUMACUG         12776         ACAGACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCUAGC           6858         AGCUGGUU         12770         CAGAGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCUAGC           6854         GCUMACUC         UCUGCGAA         12771         UVCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGCAGCA           6841         CUGCAACA         12771         UVCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACAGACC           6842         CUGCGAAC         12771         UVCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACAGACC           6841         CUGCGAAC         12772         AACGUUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACGUUCG           6842         CUGCGAAC         12773         AACGUUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACGUUCG           6840         CUCCCAAGA         12775         UGAUGUCG	1127	6903	O	12765	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35050
6869         GGRARCACG G CURGCUGG         12767         CCAGGCUAG GGRAGGAACUCCUUCAAGGACAUCGUCCGGG CUGUUCC           6865         CACGGCUA G CUGGUAGU         12768         ACAGACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUAGC           6861         GCUAGGUA G UUGUCUGU         12770         ACAGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6854         ACUGGUU G UCUGUCU         12771         UUCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6850         GUUCUGUU G UCUGCGAA         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6841         CUGCGUU G CGAACGAU         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6842         CUGCGUUC         12773         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6843         CUGCGAAC         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6844         CUGCGAAC         12773         AGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           6840         CUGCACUCG         12774         CAGAGAAACUCCCUUCAAGGACAUCGUCCGGG           6841         CUGCACUCG         12774         UCCUGAGAAACUCCCUUCAAGGACAUCGUCCGGG           6842         CUCCCUCGA         12774         UCCUGAGAAACUCCCUUCAAGGACAUCGUCCGGG           6843         CUCCUCGA         12774         UCCUGAGAAACUCCCUUCAAGGACAUCGUCCGGG           6782         CUCCUCCA         12774         UCUGAGAAAC	1137	6893	93 G	12766	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35051
6865         CANCIGICUR G CUGGUUGU         12768         ACAACCAG GAGGAAACUCCCUUCAAGGACAUCGUCCGG UAGCCGU           6861         GCUNGCUG G UUGUCUGU         12779         ACAGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUMGC           6858         AGCUGGUU G UCUGCGAA         12770         UUCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAACC           6850         GGUUGUU G CGAACGUU         12771         UUCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAACC           6850         GUCUGCGAA         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAACC           6841         CUGCAGAC         12773         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAACC           6842         CUGCAGAC         12774         CAGAGAAAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCGGG GUUCGGG           6842         CUGCAGUU         12774         CAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCGGG           6840         CUGCAGUU         12774         CAGAGAAACUCCCUUCAAGGACAUCGUCCGGG GUACCCCUUCAAGGACAUCGUCCGGG GUCCCCUUCAAGGACAUCGUCCGGG GUACCCCUUCAAGGACAUCGUCCGGG GUACCCCCUUCAAGGACAUCGUCCGGG GUACCCCUUCAAGGACAUCGUCCGGG	191	6989	g g	12767	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35052
6861         GCUNGCUG G UUGUCUGU         12769         ACAGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGCUAGC           6858         AGCUGGUU         12770         CAGACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACCAGCU           6854         GGUUGUCU G UUCUCCAA         12771         UUCGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AACCAGC           6840         GUUCUGUC G CGAACGUU         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GUUCCAGG           6841         CUBCOUCC         12773         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GUUCCAGG           6842         CUBCOUCC         12773         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GUUCCCGG           6820         AGGAAUUA         GUCAGGAA         12775         UUCCUGGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGG           6820         AGGAAUUA         GCCAAUCG         12775         UUCCUGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGG           6820         AGGAAUUA         GCACAUUCA         12775         UUCCUGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGG           6736         AAGGAACA         12776         UGAUGUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CUCCUCC           6736         AAGCUUCC         12778         GAAGAUCG         GCACCUCC         GCACCUCC           6737         ACAUUCG         CCACCGACA         12778         GAAGAUCG         GCACCCCCUCCAACACACCCUUCAAGGACAUCGCGG         GCACCUCCCC	1165	6865	Ö	12768	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35053
6858         AGCUGGUU         UUCGCAGA         GAGAGAAACUCCCUUCAAGGACAUCGUCGGG         AACCUGGUU           6854         GGUUGUCU         GCAACGUU         12771         UUCGCAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         AACACUCGU           6850         GUCUGUU         GCAACGUU         12772         AACGUUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         AACACUCGU           6841         CUGCGAAC         12774         CAGAGGAAACUCCCUUCAAGGACAUCGUCCGG         AACGUUCG           6820         AGGAACUU         12774         CAGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAGAGGAAA           6820         AGGAACUU         CUCCUGA         GAAGAACUCC         CAGAGGAACUCCCUUCAAGGACAUCGUCCGG         CAGAGAACUCC           6820         AGGAACUC         12774         CAGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAGAGAACUCC           6796         AAGGAACA         12774         UCAUGAGGAACUCCCUUCAAGGACAUCGUCCGG         CACCCCUUCAAGGACAUCGUCCGG           6796         AAGGAACA         12777         UGUUGCUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGG         CACCCCCUUCAAGGACAUCGUCCGG           6796         AAGGAACA         12778         GAAUCUCU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGG         CACCCCCGG           6773         CGAUCUCA         12779         GAAGGAACACCCUUCAAGGACAUCGUCCCGG         CACCCCCACA	1169	6861	O	12769	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35054
6854         GGUUGUCU G UCUGCGAA         12771         UUCGCAGA GAAGGAAACUCCCUUCAAGGACAUCGUCGGG AGACAGC           6850         GUCUGUCU G CGAACGUU         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGACGAC           6844         CUGCGAAC         12773         AGAAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUCGCGG           6841         CUGCGAAC         12774         CAGAGAAACUCCCUUCAAGGACAUCGUCCGGG AACGUUCG           6820         AGGAAUUA G CUCACGAA         12775         UUCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAG           6820         AGGAAUUA G CACAAUCA         12776         UUCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAG           6736         AAGGAAUA G CAACAUCA         12776         UUCCUGAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUUCC           6736         AAGGAAUA G CAACAUCA         12776         UUCUGAGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUUCC           6736         AAGGAACA         12777         UUCUGAGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUCC           6737         ACAUUCUC         CAACAUUC         12779         GAAGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUCG           6736         ACAUUCUC         12779         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUCG           6737         ACAUUCUC         12779         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGACUCCGCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAAGACGGGGAGAACUCCCUUCAAGGACAUCGUCCGGG CGAAGACGGGGGGGGGG	1172	6858	စ	12770	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35055
6850         GUCUGUCU G CGAACGUU         12772         AACGUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAGAC           6844         CUGCGAAC         UUSCUUCU         12773         AGAAGCAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUCGCAG           6841         CCGCAACGUU         CUUCUCUG         12774         CAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUCGCCGG           6832         CUUCUCUG         CUCAGGAA         12775         UUCCUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGAGAAG           6820         AGGAAUUA         G CUCAGGAA         12776         UUCCUGAG         GGAGGAAACUCCCUUCAAGGACAUCGGCGG         CAGAGAGG           6796         AGGAAUUA         G CACAAUCA         12776         UUCCUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UACUCCCUU           6793         AGGAAUCA         12776         UGUUGCUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCCCUU           6773         AGAUCCUC         12779         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCCCUU           6774         AGAUCCUC         12779         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCCCUU           6773         ACAUUCA         12781         UUCCAGGAA         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUUCCAGA           67740         AGAAACUCA         12781	1176	6854	G G	12771	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35056
6844         CUGCGAAC G UNGCUUCU         12773         AGAAGCAA GGAGGAAACUCATUCAAGGACAUCGGG GUUCGGGG GUUCGCAGG           6841         CGAACGUU G CUUCUCUG         12774         CAGAGAAG GGAGGAAACUCACUUCAAGGACAUCGUCCGGG AACGUUCGG           6832         CUUCUCUG G CUCAGGAA         12775         UUCCUGAG GGAGGAAACUCACUCAAGGACAUCGUCCGGG CAGAGAGG           6820         AGGAAUUA G CACAAUCA         12776         UGAUUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUUCCU           6796         AAGGAACU G CACAAUCA         12777         UGUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCCCUUC           6793         AGGAGAGA G CAACAUUC         12779         GAAGUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCCCUUC           6793         AGGAGACA G CAACAUUC         12779         GAAGAUCG         GAAGAUCCCUUCAAGGACAUCGUCCGGG UGCUCCCGGG UGACUCCCUUCAAGGACAUCGUCCGGG UGACUUCCCUUCAAGGACAUCGUCCGGG UGACUUCCCUUCAAGGACAUCGUCCGGG UGACUUCCCUUCAAGGACAUCGUCCCGG UGACUUCCGGG CAACUUCC           6773         CGAUCCUCA         12781         AGGAGUCG GAGGAAACUCCCUUCAAGGACAUCGUCCGG UGACUUCCCUUCAAGGACAUCCCUUCAAGGACAUCCUUCAAGGACAUCCGUCCG	1180	6850	S 0	12772	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35057
6841         CGBARCGUU G CUUCUCUG         12774         CAGAGGAAG GAGGAAACUCCCUUCAAGGACAUCGUCGGG AACGUUCG           6832         CUUCUCUG G CUCAGGAA         12775         UUCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGAGAAG           6820         AGGAAUUA G CACAUCA         12776         UGAUUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UAAUUCCU           6796         AAGGAAGA G CACAUUC         12777         UGUUGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUCUCC           6782         AAGGAACA G CAACAUUC         12778         GAAGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUCUCC           6782         ACAUUCCG G CGAUCCUC         12778         GAAGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUCC           6783         ACAUUCCG G CGAUCCUC         12779         GAAGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUCC           6773         ACAUUCCG G CAACCUUC         12780         UCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAACUCC           6774         AGAAUCGUC         12781         UUGGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUC           6773         AGAAUACCC         12781         AGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAACUCGUCCGGG CUUUUUC           6720         AAAAAAAAAG G UCCCGGACA         12782         AGGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUC           6721         AAAAAAAAAG G CCCCCCC         12783         AGGAGGCG GGAGGAAACUCCCUUCAAAGACACCCUUCAAACACACACCCCCCCC	1186	6844	စ	12773	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35058
6832         CUUCUCUG G CUCAGGAA         12775         UUCCUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAG           6820         AGGAAUUA G CACAUCA         12776         UGAUUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUUCCU           6796         AAGGAAGA G CACAUCA         12777         UGUUGCUG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG UCUCCCUU           6793         GGAGAACUCC         12778         GAAUGUUG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG UCUCCCUU           6782         ACAUUCCG G CAACAUUC         12778         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCUCCCUU           6773         CGAUCUUC         12779         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGAAUGU           6774         AGAAAAAAG         UCCAGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGAAUGU           6774         GAACUUCA         12778         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGAAUGU           6770         AGAAAAAAG         UCCAGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGAAGUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCACUUU           6770         AAAAAAAAAG         UCGCGACU         12778         AGUCGCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUU           6720         AAAAAAAAAG         UCGCGACU         12784         GGGAGUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUU           6720         AAAAAAAAG         CCCCCCAA	189	6841	ט	12774	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35059
6820         AGGAAUUA G CACAAUCA         12776         UGAUUGUG GGAGGAACUCCCUUCAAGGACAUCGUCGGG UAAUUCCU           6796         AAGGAGA G CACAAUCA         12777         UGUUGCUG GGAGGAACUCCCUUCAAGGACACUCGUCGGG UCUCCCUU           6793         GGAGCAGA G CAACAUUC         12778         GAAUGUUG GGAGGAACUCCCUUCAAGGACACUCGUCGGG UCUCCCUU           6782         ACAUUCCG G CAACAUUC         12779         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGCUUCCCUUCAAGGACAUCGUCCGGG CGGAAUGU           6773         CGAUCUUC         12779         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUGU           6774         AGAAAAAAG G UCGCGACU         12781         UUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUUCU           6770         AGAAAAAAG G UCGCGACU         12782         AGUCGCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUUCU           6737         AAAAAAAG G UCGCACCU         12782         AGUCGCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAAUUUCU           6720         AAAAAAAAG G UCGCACCU         12783         GGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAAUGU           6721         AAAAAAAAG G CGCCUCCC         12784         GGGAGGCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACUUUU           6720         AAAAAAAAG G CCCCCCC         12784         GGGAGGCG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUU           6720         AAAACUCCC         12784         GGGAGGCG GAGGGAAA	198	6832	ם	12775	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35060
6796         AAGGGAGA         0 GUUGCUG         GGAGGAAACUCCCUUCAAGGACAUCGGG         UCUCCCUU           6793         GGAGAGCA         12777         UGUUGCUG         GGAGGAACUCCCUUCAAGGACAUCGUCGGG         UCCUCUCC           6793         GGAGCACAUC         12778         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         UCCUCUCC           6782         ACAUUCCG         CGAUCUUC         12779         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         CGGAAUGU           6773         CGAUCUUC         UUCCGGA         UCCAGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         UAAAGGUC           6730         AGAAAAAAG         UCGCGACU         12781         UUGGAGAAACUCCCUUCAAGGACAUCGUCGGG         UUUUUCU           6737         AAAAGGUC         GGAGGCG         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG         GUUUUUUCU           6722         CCAAGACA         12781         AGUCGCGA         GGAGGCACUUCAAGGACAUCGUCCGGG         GGAGGCG           6720         AAAAAAAAG         GCGCUCCC         12784         GGGAGCGG         GGAGGCACCUUCAAGGACAUCGUCCGGG         GCUCUCGG           6720         AAAAAAAG         GCCUCCCC         12784         GGGAGCGG         GGAGGCACCUUCAAGGACAUCGUCCGGG         GCUCUCCGA           6720         AAAACACCCAAGACA         12784         GGGAGGCG<	210	6820	ᇰ	12776	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35061
6793         GGAGAGCA G CAACAUUC         12778         GAAUGUUG GGAGGAACUCCCUUCAAGGACAUCGUCGGG UGCUCUCC           6782         ACAUUCCG G CGAUCUUC         12779         GAAGAUCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGGAAUGU           6773         CGAUCUUC G UUCCUGGA         12780         UCCAGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAAGAUCG           6776         AGAAAAAG G UCGCACU         12781         UUGGAGAAACUCCCUUCAAGGACAUCGUCGGG UGAAGUUC           6770         AGAAAAAAG G UCGCACU         12782         AGUCGCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUUUUUCU           6737         AAAAGGUC         GGAGUCG         GGAGGCG         GGAGGCACUUCAAGGACAUCGUCCGGG GUUUUUCU           6722         CCAAGACA         12784         GGGAGCG         GGAGGCAGCUUCAAGGAACUCGUCCGGG GUUUUU           6720         AAAAAAGUC         GCCCUCCC         12784         GGGAGGCAAACUCCCUUCAAGGACAUCGUCGGG GUUUUU           6720         AAAAAAAG         G CCCUCCC         12784         GGGAGCG         GGAGGAAACUCCCUUCAAGGACAUCGGG           6720         AAAACAUCCCUUCAAUGA         GCCUCCCA         12784         GGGAGCG         GGAGGCA           6696         UUUCCAAU         GCCUCCCA         12785         UUGGAAGG         GAGAGGCA         GAGAGGCA           6688         GCCUUCC         CCUCCCCAA	234	9629	69 69	12777	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35062
6782         ACAUUCCG G CGAUCUUC         12779         GAAGAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAUGU           6773         CGAUCUUC G UUCCUGGA         12780         UCCAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCG           6758         GAACUUCA G CCAUCCAA         12781         UUGGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGUUCG           6740         AGAAAAAG G UCGCACU         12782         AGUCGCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCUUUU           6737         AAAAGGUC         CGACUCCC         12783         GGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUUU           6722         CCAAGACA         GCCCUCCC         12784         GGGAGCG         GGAGGAAACUCCCUUCAAGGACAUCGGG GCUUCCGG           6720         AAGACACCA         12785         UUGGAGGA         GGAGGCG         GGAGGCG           6720         AAGACACCA         12784         GGGAGCG         GGAGGCAAACUCCCUUCAAGGACAUCGUCCGGG         GCUCCCCAA           6720         AAGACACA         CCCUCCCA         12784         GGGAGGCG         GGAGGCAAACCCCUUCAAGGACAUCGGG         GCUCCCCAA           6696         UUUCCAAU         GCCUCCCA         12786         CGGAAGGG         GAGGGAAACCCCUUCAACCCUUCAACGG         GCUCCUCCG         CCUCCCCAA	237	6793	O	12778	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	35063
6773         CGANCCUDG         12780         UCCAGGAA         GGAGGAAACUCCCUUCAAGGACACGGGGGGGGGGGGGGG	1248	6782	O	12779	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35064
6758         GAACUUCA G CCAUCCAA         12781         UUGGAUGG GGAGGAAACUCCCUUCAAGGACACCGGG UGAAGUUC           6740         AGAAAAAG G UCGCACU         12782         AGUCGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUUUUUCU           6737         AAAAGGUC G CGACUCCC         12783         GGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GACCUUUU           6722         CCAAGACA G CGCCUCCC         12784         GGGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGGG UGUCCGGG GUUCCGGG GCUGUCCGG           6720         AAGACAGC G CCUCCCAA         12785         UUGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGGG GCUUCCGGG AUUGGAAA           6696         UUUCCAAU G CCCUCCG         12786         CGGAAGGG GAAGGAAACUCCCUUCAAGGACAUCGGG GAAGGACA           6688         GCCCUCC G CUGCAUGA         12787         UCAUGCAG GAAGGAAAACUCCCUUCAAGGACAUCGGG GAAGGGC	1257	6773	O	12780	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35065
6740 AGAAAAAG G UGGGACU 12782 AGUGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUCU 6737 AAAAGGUC G GGACUCCC 12783 GGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCUUUU 6722 CCAAGACA G CGCCUCCC 12784 GGGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCUUGG 6720 AAGACAGC G CCUCCCAA 12784 UUGGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCCUU 6696 UUUCCAAU G CCCUUCCG 12786 CGGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGCAU 6688 GCCCUUCC G CUGCAUGA 12787 UCAUGCAA GGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGGGC GCAAGGGC GCAAGGACAUCGUCCGGG GGAAGGGC GCAAGGGC GGAAGGGC GGAAGGGC GGAAGGGC GCAAGGACAUCGUCCGGG GGAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GGAAGGGC GGAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GCAAGGGC GCAAGGGC GGAAGGGC GCAAGGGC GGAAGGGC GGAAGGGC GGAAGGGC GCAAGGGC GCAAGGAAACUCCCUUCAAGGACAACGACCAUCGUCCGGG GCAAGGGC GCAAGGCC GCAAGGGC GCAAGGGC GCAAGGGC GCAAGGGC GCAAGGACAAGCAACCCUUCAAGGACAACGACCAACGAAGGC GCAAGGGC GCAAGGGC GCAAGGGC GCAAGGCCAAGCAAG	1272	6758	೮	12781	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35066
6737         ABARGGUC G CGACUCCC         12783         GGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCUUUU           6722         CCAAGACA G CGCUCCC         12784         GGGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCUUGG           6720         AAGACAGC G CCUCCCAA         12785         UUGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCUU           6696         UUUCCAAU G CCCUUCCG         12786         CGGAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGAAA           6688         GCCCUUCC G CUGCAUGA         12787         UCAUGCAG	290	6740	פ	12782	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35067
6722         CCAAGACA G CGCCUCCC         12784         GGGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGGG UGUCUUGG           6720         AAGACAGC G CCUCCCAA         12785         UUGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCUUCAAGGACAUCGUCCGGG AUUGGAAA           6696         UUUCCAAU G CCCUUCCG         12786         CGGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGGG GAAGGACA           6688         GCCCUUCC G CUGCAUGA         12787         UCAUGCAG GGAGGAAAACUCCCUUCAAGGACAUCGGG GGAAGGGC	293	6737	O	12783	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35068
6720 AAGACAGC G CCUCCCAA 12785 UUGGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGUCUU 6696 UUUCCAAU G CCCUUCCG 12786 CGGAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAAA 6688 GCCCUUCC G CUGCAUGA 12787 UCAUGCAG GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG GGAAGGGC	308	6722	ပ	12784	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35069
6686 GCCCUUCC G CUGCAUGA 12787 UCAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GGAAGGGC G688 GCCCUUCC G CUGCAUGA 12787 UCAUGCAG GGAGGGAAACUCCCUUCAAGGACAUCGUCGGG GGAAGGGC	310	6720	O	12785	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35070
6688 GCCCUUCC G CUGCAUGA 12787 UCAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGGGC 3	334	9699	פ	12786	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35071
	342	6688	ဗ	12787	UCAUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGGGC	35072

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6659         CUCCCAUG G UCANUCACA         12789         UGUGADUAA           6641         UCAAUAAG G CAAUCAAG         12790         CUUGAUUG           6622         AGGCAAUUG         12791         GACAAUUG           6610         AGGCAAUUG         12792         GCUGAAUUG           6610         AGCAAUUG         CUUGAGA         12793         GCUGAAUUG           6610         AGCAUCUG         CUUCACCA         12794         AGGAACUG           6610         AUCUGAGG         G CUCUCCA         12795         AGGAACUG           6610         AUCUGAGG         G CAUUCCCA         12795         AGGAACUG           6626         CCUCCAGG         G CCAUUCCCA         12795         AGGAACUG           6580         GCUCCAGG         G UCCUCCCA         12795         AGGACCAC           6581         UUCUGUGA         G UCCUCCCA         12800         UGUGGCCA           6582         CCUUCAGG         G UCCUCCCA         12802         ACCAUGAG           6545         UCUCCCAA         G UCUCCCAA         12805         ACCAUGAG           6556         CUUCCCAA         G UCUCCCAA         12805         ACCAUGAG           6541         UACCCCAA         G UCUCCCAA         12805         <	4345 6685	curceeu e caugagga	12788	UCCUCAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGAAG	35073
6641         UCAAUAAG G CAAUCAAG         12790         CUUGAUUA           6632         CAAUCAAG G CAAUUGUC         12791         GACAAUUG           6613         AGGCAAUU         UCUGAAGA         12792         UCUUCAAGA           6610         AGCACUU         12794         AGGAACUU           6610         AGCAUCUG         12794         AGGAACUG           6610         AUCUGAGG         G CAUUCCCA         12794         AGGAACUG           6610         AUCUGAGG         G CAUUCCCA         12794         AGGAACUG           6580         CCUCCAGG         G CAUUCCCA         12795         GGCAACUG           6581         UUCUGUGA         G UCUUCCA         12796         CAGGAACUG           6582         CCUCCAGG         G CAUUCCCA         12800         UGUGGCCA           6550         CUUCUGCA         G UGUCAAGG         12801         GGCCACUG           6551         UCUCUGCA         G UGUCAAGG         12802         ACCAUGUA           6552         CUUCCCAA         G UCUCCCAA         12803         ACUUGACA           6521         UACACCAA         G UCUCCCAA         12803         ACUUGACA           6523         UACCCCAA         G CAUCCCAA         12803	H	CUCCCAUG G	12789	UGUGAUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAG	35074
6632         CAAUCAAG G CAAUUGUC         12791         GACAAUUG           6626         AGGCAAUU G UCUGAAGA         12792         UCUUCAGA           6617         UCUGAAGA G CAUCUGGC         12794         AGGAAUUG           6610         AGCAUCUG         12794         AGGAAUUG           6610         AUCUGGCA G UCCUUCCA         12795         AGGAAUGG           6596         CUUCCAGG G UCCUUCCA         12796         CAGAAUGG           6588         GCCAUUCUG G CAGUACCU         12797         AGGAAGAG           6589         GCUUCUCCU         12799         AGGAAGAG           6580         UUCUCUCU G CAGUACG         12801         AGGAAGAG           6550         UUCUCUCU G CACUACG         12802         ACCUUGCCA           6551         UUCUCCAA G UCCUCAAG         12802         ACUUGACA           6552         GCCACAAC G UACAUGG         12802         ACUUGACA           6536         UUCUCCAA         0 UGUCCAAC         12802         ACUUGACA           6537         UUCCCAAA         0 UGUCCCAA         12802         ACUUGACA           6538         GUUCCCAA         0 UGUCCAACA         12802         ACUUGACA           6539         GUUCCCAA         0 UCCCCAACAC         12802	_	UCAAUAAG G	12790	CUUGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUAUUGA	35075
6626         AGGCANUU G UCUGAAGA         12792         UCUUCAGA           6617         UCUGAAGA G CAUCUGGC         12793         GCCAGAUG           6610         AGCAUCUG G CAUCUGGC         12794         AGGAACUG           6610         AUCUGGCA G UCCUCCA         12795         UGCAGUCA           6586         CCUCCAGG G CCAUCUCG         12796         CAGAAUGG           6586         CCUCCAGG G CCCUUCCA         12797         AGGACCCA           6586         GCCAUUCU G UGACCACA         12797         AGGACCCA           6586         GCCAUCUCU G UGACCACA         12801         AGGACCCA           6586         CUUCUCCAA         UGCCACAAC         12802         ACCUUGAC           6587         UCCCACAAC         UGCACAACG         12802         ACCUUGACA           6586         CUUCCCAAC         UGCACAACG         12802         ACCUUGACA           6587         CUUCCCAAC         UGCACAACG         12802         ACCUUGACA           6588         GCCACAACG         UGCACACAG         12802         ACCUUGACA           6580         GUUCCCCACA         12802         ACCUUGACA         6           6513         UACCACAAC         UCCACAACA         6         CCCACAACA         6 <t< td=""><td>H</td><td>CAAUCAAG G</td><td>12791</td><td>GACAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAUUG</td><td>32076</td></t<>	H	CAAUCAAG G	12791	GACAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAUUG	32076
6617         UCUGAAGA G CAUCUGGC         12793         GCCAGAUGA           6610         AGCAUCUG G CAGUUCCU         12794         AGGAACUG           6610         AUCUGGCA G UUCCUCCA         12795         UGGAGGAA           6596         CCUCCAGG G CAGUUCCA         12795         UGGAGGAA           6588         GCCAUUCU G UGAGCUCA         12795         UGGAGUCA           6584         UUCUCUGCA         12799         AGGAAGAG           6584         UUCUCUGCA         CAGUCACA         12800         UGUCGCCA           6585         CUUCUUGCA         G CACCAACG         12801         GGCCACUG           6586         CUUCCUGAG         G CACCAACG         12802         ACCAUGUG           6587         CUGCAGUG         G CACCAACG         12802         ACCAUGUG           6586         GUGCACAAC         UACAUGGU         UCACCCAA         12803         ACCAUGUG           6587         CUGCACAAC         UACAUGGU         UCCUCAAC         12803         ACCAUGUG           6513         UGCCACAAG         UCCUCCAA         12803         ACCAUGAGA           6524         UGCCCAACAAC         UCCUCCAAC         12803         ACCAUGAGA           6525         CUUCCCAAC         UCCUCAACAC	-	AGGCAAUU G	12792	UCUUCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGCCU	35077
6610         AGCAUCUG G CAGUUCCCA         12794         AGGAACUG           6607         AUCUGGCA G UUCCUCCA         12795         UGGAGGAA           6596         CCUCCAGG G CCAUUCG         12796         CAGAAUGG           6588         GCCUCCAGG G CCAUUCG         12796         CAGAAUGG           6584         UUCUGUCA G UGAGCACA         12799         AGGAAGAG           6586         CUUUCUGCA G UGCCACAC         12801         UGUCGCCA           6586         CUUUCUGCA G UGCCACAC         12801         UGUCGCCA           6587         CUGCACAGG G CCCACACG         12801         GGUCGCCA           6588         GCCACAACG         12801         CGUUGUCG           6589         GCCCACAAC         UACAUGGU         CCACAGGG           6580         CUGCACAAC         UACACAGGC         12801         GCUUGUCG           6581         GCCACAACG         UACACAGGC         12802         ACCAUGUG           6581         GGUGCCAAG         UCCUCCAG         12803         ACCAUGAGA           6581         UGCCCACAGG         UCCUCCAGG         CCCCAGGAGA         CCCCAGGAGA           6581         UGCCCACAGG         CCCCAGGAGA         12803         ACCCACAGAG           6581         CCCACAGAGG <td>Н</td> <td>UCUGAAGA G</td> <td>12793</td> <td>GCCAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCAGA</td> <td>35078</td>	Н	UCUGAAGA G	12793	GCCAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCAGA	35078
6607         AUCUGGCA G UUCCUCCA         12795         UGGAGGAA           6596         CCUCCAGG G CCAUUCUG         12796         CAGAAUGG           6588         GCCUCCAGG G CCAUUCUG         12797         AGAGCUCA           6584         UUCUGUGA G CUCUUCCU         12799         AGAGCUCA           6566         CUUUCUCCA         12801         UGUGGCCA           6567         UUCUGUGA G UGCUCCACA         12802         ACCAUGUA           6558         GCCACAACG         12801         CGUUGUCCA           6550         UCCACAACG         12802         ACCAUGUA           6552         GCCACAACG         12802         ACCAUGACA           6553         UCCACAACG         12802         ACCAUGUA           6554         UACACAGA         12802         ACCAUGACA           6555         GCACACAAC         UGCUCCCA         12803         ACUUGACA           6536         GUUCCAAACG         UGCUCCCAA         12803         ACUUGACA           6536         GUUCCCCAA         12803         ACUUGACA           6527         CUUCCCAA         12803         ACUUGACA           6526         GUCCCCCAACAG         CCCCAACAGA         CCCCAACAGA         CCCCAACAGA           6481 </td <td><u> </u></td> <td>AGCAUCUG G</td> <td>12794</td> <td>AGGAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGCU</td> <td>35079</td>	<u> </u>	AGCAUCUG G	12794	AGGAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGCU	35079
6596         CCUCCAGG G CCAUUCUG         12796         CAGAAUGG           6588         GCCAUUCU G UGAGCUCU         12797         AGAGCUCA           6584         UUCUGUGA G CUCUUCCU         12799         AGGAAGAG           6584         UUCUGUGA G CUCUUCCU         12799         AGGACCCA           6566         CUUUCUCCA G UGACCACA         12801         UGUGGCCA           6553         UCUCUGCA G UGACCACA         12802         ACCAUGUA           6554         UCUCCACA G UGACACACA         12802         ACCAUGUA           6555         GCCACACACA         12803         ACUUGACA           6556         GCUACACACA         UGCUCCACA         12803         ACUUGACA           6556         GCUACACACA         UGCUCCCAA         12803         ACUUGACA           6536         GCUACACACA         12803         ACUUGACA           6536         GUACACACA         12803         ACUUGACA           651         CUUCCCAA         12803         ACUUGACA           651         CUUCCCAA         12803         ACUUGACA           652         CUUCCCAA         12803         ACUUGACA           651         CUCCAACAA         12813         GGGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	H	AUCUGGCA G	12795	UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAGAU	35080
6588         GCCAUNCU G UGAGCUCU         12797         AGAGCUCA           6584         UUCUGUGA G CUCUUCCU         12798         AGGAAGAG           6566         CUUUCUCU G CAGUGGCC         12799         AGGAAGAG           6560         CUUCUGCA G UGACCACA         12801         CGUUGUGA           6560         CUCCAGAC         12801         CGUUGUGA           6552         GCCACAAC         12802         ACCAUGACA           6545         CUGCAGAC         12802         ACCAUGACA           6536         CUGCACAAC         12802         ACCAUGACA           6536         GCCACAAC         12803         ACUUGACA           6536         GCCACAAC         12803         ACUUGACA           6536         GCCACAAC         12804         GCACUUGA           6536         GCCACAAC         12804         GCACUUGA           6536         UACAGGA         12804         GCACUUGA           6536         UAUCACAAC         UCUCCCAA         12804         GCACUUGA           6536         UAUCACAACA         UCUCACAACA         12804         GCACACACACA           6505         GUCCACAACA         UCUCACAACA         12805         GCCACGAACACACACACACACACACACACACACACACAC	L	CCUCCAGG G	12796	CAGAAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAGG	35081
6584         UNCUGUGA G CUCUUCCU         12798         AGGAAGAG           6566         CUUUCUCU G CAGUGGC         12799         AGGAAGAG           6566         CUUUCUCU G CAGUGGC         12799         GGCCACUG           6560         CUGCAGUG G CCACAACG         12801         CGUUGUGA           6552         GCCACAAC G UACAUGGU         12802         ACCAUGUA           6545         CGUACAAC G UACAUGGU         12802         ACCAUGUA           6536         GGCACAAC G UACAUGGU         12802         ACCAUGUA           6537         CGUACAGG G UGCAUCCC         12803         ACUUGACA           6538         GGUGUCAA G UCCUCCAU         12805         ACCAUGACA           6539         GGUGUCAAG G UCCUCCAU         12805         ACCACUUGA           6531         CCAUGAAG         CUUCCCAU         12805         ACCUGACA           6532         GUGCUCAG         CUUCCCAU         12806         AUGGGAAGA           6534         UACAUGAG         CUUCCCAU         12806         AUGGGAAGA           6555         GUGCUCAG         CUUCCCAU         12806         AUGGGAAGA           6481         CUUCCCAU         CUUCCAU         12806         AUGGGAAGA           6482         UUCCCAUGAG	-	accavicu a	12797	AGAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUGGC	35082
6566         CUUUCUCU G CAGUGGCC         12799         GGCCACUG           6563         UCUCUGCA G UGGCCACA         12800         UGUGGCCACA           6560         CUGCAGUG G CCACAACG         12801         UGUGGCCA           6552         GCCACAAC G UACAUGGU         12802         ACCAUGUA           6545         GGUACAUG G UGUCAAGU         12803         ACUUGACA           6536         GGUACAUG G UCAAGUC         12804         GCACUUGA           6536         UGUCAAGU G UCAAGUC         12805         ACCACUUGA           6536         UGUCCAU         UCUUCCCAU         12806         AUGGGAAG           6537         CUUCCCAU         UCUUCCCAU         12809         ACCCUUGA           6511         CAUCCCAU         UCUCCCAU         12809         UGCCUGAG           6505         GUGCUCAG         CAUCAGCA         12810         UGCCUGAG           6481         CUCAAUGA         CCUCAGAG         12811         AGAGCCUGAG           6485         UUCCCAAG         CCUUGAAC         12813         GGGGAAAGA           6486         CUUGAAGA         12814         UUCACAGGA           6487         CCUUGAAC         CCUUGAAC         12812         ACGGGAAGAGA           6489	L	UUCUGUGA G	12798	AGGAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAGAA	35083
6563         UCUCUGCA G UGGCCACA         12800         UGUGGCCA           6560         CUGCAGUG G CCACAACG         12801         CGUUGUGG           6552         GCCACAAC G UACAUGGU         12802         ACCAUGUA           6545         GGUACAUG G UGUCAAGU         12803         ACUUGACA           6546         UACAUGGU G UCAAGUGC         12804         GCACUUGA           6538         GGUGUCAA G UCUUCCCA         12805         ACGCAUUGA           6536         UGUCCAUG G UCUUCCCA         12806         AUGGGAAGA           6537         CUUCCCAU G UCUUCCCA         12809         UGCCUGAG           6511         CAUGAAGA         GUCUCAGG         12809         UGCCUGAG           6512         CCUUCAAGG         CUUCAGGCA         12810         UGCCUGAG           6513         CCCAUGAAG         CUUCAGGCA         12811         AGAGCCUGAG           6514         CUCAAGAGC         UUCCCAGG         CCUUGAAC         12813         GGGGAAAGA           6481         CUCAAGAGC         UUCCCAGAG         CCUUGAAC         12815         ACUAAAGAG           6482         UUCCCAGAG         CCUUGAAC         12816         ACUAAAGAG           6431         CCUUGAAC         CCUUGAGC         12816	_	cutacucu g	12799	GGCCACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAAG	35084
6560         CUGCAGUG G CCACAACG         12801         CGUUGUGG           6552         GCCACAAC G UACAUGGU         12802         ACCUUGACA           6545         CGUACAUG G UGUCAAGU         12803         ACUUGACA           6543         UACAUGGU G UCAAGUGC         12804         GCACUUGA           6536         GGUGUCAA G UCCUCCCA         12805         GGGGAAGCA           6536         UGUCAAGU G CUUCCCCA         12806         AUGGGAAGA           6513         CCCAUGAA         G UCUCCCAU         12806         AUGGGAAGA           6514         CCCAUGAA         G UCUCCCAU         12809         UGCCUGAG           6515         CCUCAGAG         G CUCAGGCA         12810         GAAAGAUG           6516         CCUCAGAG         C CUCAGGCA         12811         AGACCUGAG           6481         CUCAAUGA         C CUUUGAG         12813         GGGCCUGAG           6485         UUCCCAGAG         C CUUUGAG         12813         GGACCUGAG           6486         CUUGAACG         UUCCCAGAG         C CCUUGAG         12814         UUCACAGGA           6433         CGCCUUUAG         C CCUUGAG         12819         ACUGACCCAGG         6417         UGACCCUGG         C CCUGAGGA	$\vdash$	UCUCUGCA G	12800	UGUGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGAGA	35085
6552         GCCACAAC G UACAUGGU         12802         ACCAUGUA           6545         CGUACAUG G UGUCAAGU         12803         ACUUGACA           6543         UACAUGGU G UCAAGUGC         12804         GCACUUGA           6536         GGUGUCAA G UGCUUCCC         12805         GGGGAAGCA           6536         UGUCAAGU G CUUCCCAU         12806         AUGGGAAGA           6513         CCCAUGAA G UCUUCCCC         12807         GGGGGAAGA           6511         CAUGAAGU G CUUCCCAU         12809         UGCCUGAG           6505         GUGCUCAG G CUCUAUCU         12810         GAAAGAUG           6481         CUCAAUGAG G CUCUAUCU         12811         AGAGAGAG           6485         GUGCUCAG G CUUUAGA         12813         GGGGAAAA           6486         CUGAAGAC         12813         GGGGAAAA           6487         CUCAAGGG G CUUUAGA         12813         GGGGAAAA           6489         UCCCAUGAAG G CUUUAGA         12813         GGGGAAAA           6430         CCCUUGAAC G CCUUUAGA         12815         ACUGAGCAG           6431         CCUUUAGA         CCUUGAGC         12810         ACUGAGCAG           6407         ACCCCCUG         GCCUCUGG         GCCCCUG         12820 <td>L</td> <td>CUGCAGUG G</td> <td>12801</td> <td>CGUUGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACUGCAG</td> <td>35086</td>	L	CUGCAGUG G	12801	CGUUGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CACUGCAG	35086
6545         CGUACAUG G UGUCAAGU         12803         ACUUGACA           6538         UACAUGGU G UCAAGUGC         12804         GCACUUGA           6538         GGUGUCAA G UGCUUCCC         12805         GGGGAAGCA           6536         UGUCAAGU G CUUCCCAU         12806         AUGGGAAGA           6527         CUUCCCAU G UCUUCCCC         12807         GGGGAAGA           6511         CAUGAAGU G CUCAGGCA         12809         UGCCUGAG           6505         GUGCUCAG G CAUCUUCC         12810         GAAAGAUG           6481         CUCAAUGA         12811         AGAGCCAGA           6485         GUGCUCAG         CCUUGAG         GAUCUCAGA           6486         CUCAAUGA         12811         AGAAGAUG           6487         CUCAAUGA         12811         AGAGCUCAG           6486         CUGAAGAC         12813         GGACUUCG           6486         CUUGAAC         UUCAAGGA         12814         UUCAAGAGG           6430         CCUUGAAC         CCUUGAAC         12815         ACUGAAAGG           6431         CCUUUGAA         12819         ACGGGAGCA           6432         CCUUUAGA         CCUUGAGC         12810         ACGCCCGG           640	-	GCCACAAC G	12802	ACCAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUGUGGC	35087
6533         UACAUGGU G UCAAGUGC         12804         GCACUUGA           6538         GGUGUCAA G UGCUUCCC         12805         GGGAAGCA           6536         UGUCAAGU G CUUCCCAU         12806         AUGGGAAGA           6527         CUUCCCAU G UCUUCCCC         12807         GGGGAAGA           6513         CCCAUGAAG         CUUCCCAG         12809         UGCCUGAG           6505         GUGCUCAG         CUCAGGCA         12810         UGCCUGAG           6481         CUCAAUGA         CCUCAGCA         12811         AGAUAGGG           6485         GUGCUCAG         CCUUAGC         12813         AGACUCAG           6486         CUGAAGAC         12811         AGAGACACA           6487         CUGAAGAC         12813         AGACCUGAG           6486         CUGAAGAC         12813         AGAGCCAGA           6486         CUUGAAC         CCUUAGA         12814         UUCACAGGA           6430         CCCUUAGA         CCCUUAGA         12815         ACUGAACACA           6431         CCUUUAGA         CCUUAGAGA         12819         AGGGCAGA           6432         CCUUUAGA         CCUUAGACA         12820         GAUUCAGACA           6403	-	CGUACAUG G	12803	ACTUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUACG	35088
6538         GGUGUCAA G UGCUUCCC         12805         GGGAAGCA           6536         UGUCAAGU G CUUCCCAU         12806         AUGGGAAGA           6527         CUUCCCAU G UCUUCCCC         12807         GGGGAAGA           6513         CCCAUGAA G UCUUCCC         12808         CCUGAGCA           6511         CAUGAGUA G CUCAGCA         12810         UGCCUGAG           6481         CUCAAUGA G CUCAUCU         12811         AGAUAGGG           6485         GUGCUCAG G CAUCUUCU         12811         AGAGCAAA           6486         CUGAAGAC         12813         AGACUUCG           6487         CUGAAGAC         12813         AGACUUCG           6489         UUCCCGAG         CCUUUAGA         12814         UUCAAGGA           6430         CCUUUAGA         12813         AGCAGGAAA           6431         CCUUUAGA         12814         UUCACAGGA           6432         CGCCUUUA         G UGAUCCGA         12815         ACUACAGGA           6417         UGAUCCCGA         G UGAACCCC         12820         GAUGGACA           6407         ACCCUGGC         G CCUCAGGA         12821         UGGAUCAG           6394         ACCCUGGC         G CGCCCCCA         12823	_	UACAUGGU G	12804	GCACUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGUA	35089
6536         UGUCAAGU G CUUCCCAU         12806         AUGGGAAGA           6527         CUUCCCAU G UCUUCCCC         12807         GGGGAAGA           6513         CCCAUGAAG G UCUUCCCC         12809         UGCCUGAG           6511         CAUGAAGU G CUCAGGCA         12810         UGCCUGAG           6505         GUGCUCAG G CAUCUUC         12811         AGAUAGGUG           6481         CUCAAUGA G CCUAUCU         12811         AGAUAGGG           6456         CUGAGAAC         12813         AGACUUCG           6457         UUCCCGAG         CCUUUAGA         12813         AGACUUCG           6440         CCUUGAAC         CCUUUAGA         12814         UUCAAGGA           6431         CGCUUUA         G UGCCUGGA         12815         ACUGAAGGA           6431         CGCUUUAGU         CCUUGAGA         12815         ACUGACCAGG           6431         CCUUUAGU         CCUUGGAA         12815         ACGGGCAA           6417         UGAUCCCGA         UGAUCCCGA         12820         GAUUGACA           6407         ACCCCUGGC         G CGCCCCCA         12821         UGGAUCAC           6394         ACCCGGGC         G CGCCCCCA         12822         AGGCCGCG	Н	GGUGUCAA G	12805	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35090
6527         CUUCCCAU G UCUUCCCC         12807         GGGGAAGA           6513         CCCAUGAAG G UGCUCAGG         12808         CCUGAGCA           6511         CAUGAAGU G CUCAGGCA         12809         UGCCUGAG           6505         GUGCUCAG G CAUCUUC         12810         GAAAGAUG           6481         CUCAAUGA G CCUAUCU         12811         AGAUAGGG           6456         CUGAGGAA G CCUAUCU         12812         CGGGGAAAG           6450         UUCCCGAG G CGUUGAA         12813         GGACUUCG           6440         CCUUGAAC G CCUUUAGU         12814         UUCAAGGA           6431         CGCUUUAG         12815         ACUAAAGGA           6431         CGCUUUAG         12815         ACUAAAGGA           6417         UGAUCCGA         12818         UCGCAGGCA           6417         UGAUCCGA         G UGAUCCGA         12819         AGGGGUAC           6407         ACCCCUGG         G UGAUCCA         12821         UGGAUCA           6406         ACCCUGGC         G UCAAUCCA         12821         UGGAUCA           6394         ACCCGGG         G CGGCCUCA         12823         UGGAUCA           6394         ACCCGGG         G CGGCCCCA         12823	Щ	UGUCAAGU G	12806	AUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUGACA	35091
6513         CCCAUGAA G UGCUCAGG         12808         CCUGAGGA           6511         CAUGAAGU G CUCAGGCA         12809         UGCCUGAG           6505         GUGCUCAG G CAUCUUC         12810         GAAAGAUG           6481         CUCAAUGA G CCUAUCU         12811         AGAUAGGG           6456         CUGAGGAA G CCUAUCU         12812         CGGGGAAAA           6450         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6440         CCUUGAAC G CCUUUAGU         12814         UUCAAAGGA           6431         CGCUUUAG         CCUUGAGG         ACUAAAGGA           6431         CGCCUUUA         G UGCCUGGU         12815         ACUAAAGGA           6431         CCUUUAGU         CCUUGGGA         12818         UCGCAGGG           6417         UGAUCCGA         G UGAUCCGA         12819         AGGGGUGA           6407         ACACCCUG         G UGAACCC         12820         GAUUGACG           6407         ACACCCGG         G CGGCCCC         12821         UGGAUUGA           6394         AAUCCAGG         G CGGCCCCA         12823         UGGAUCGG           6394         AAUCCAGG         G CGGCCCCA         12823         UGCACGGG           6394		COUCCCAU G	12807	GGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAAG	35092
6511         CAUGAAGU G CUCAGGCA         12809         UGCCUGAG           6505         GUGCUCAG G CAUCUUC         12810         GAAAGAUG           6481         CUCAAUGA G CCUAUCU         12811         AGAUAGGG           6466         CUGAGAAC G UUUUCCCG         12812         CGGGAAAA           6456         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6450         GAGGCGAA G UCCUUGAA         12814         UUCAAGGA           6440         CCUUGAAC G CCUUUAGU         12815         ACUAAAGGA           6431         CGCUUUAGU G CCUUGAGO         12815         ACUAAAGGA           6431         CCUUUAGU G CCUUGAGO         12816         ACCCAGGCA           6417         UGAUCCCG         UGAUCCGA         12818         UCGGAUCA           6407         ACCCUGGC         G CUCAAAUC         12819         AGGGCGUA           6407         ACACCCUG         G CUCAAAUC         12820         GAUUGACG           6396         UCAAUCCA         C CGCGCCC         12821         UGGAUUGA           6394         ACCCGGG         C CGCGCCC         12823         UGGACCGC           6394         AUCACGG         C CGCCGCG         12823         UGCACGCG           6394 <td< td=""><td>-</td><td>CCCAUGAA G</td><td>12808</td><td>CCUGAGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCAUGGG</td><td>35093</td></td<>	-	CCCAUGAA G	12808	CCUGAGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCAUGGG	35093
6505         GUGCUCAG G CAUCGUUC         12810         GAAAGAUG           6481         CUCAAUGA G CCUAAUCU         12811         AGAUAGGG           6466         CUGAAGAAC G UUUUCCCG         12812         CGGGAAAA           6455         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6440         CCUUGAAC G CCUUUAGU         12814         UUCAAGGA           6431         CGCUUUAG         12815         ACUAAGGA           6431         CGCUUUAG         12816         ACCAGGCA           6431         CCUUUAGU         12817         UCACCAGGA           6426         AGUGCCUG         UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGA         UGAUCCGA         12819         AGGGUGUA           6407         ACACCCUG         G CUCAAUCC         12820         GAUUGAAC           6408         ACCCUGGC         UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA         C CGCGCCC         12823         UGGACCGC           6394         AAUCCAGC         C CGCCCCA         12823         UGCACGCG           6394         AUCCAGGC         C CGCCGCG         12823         UGCACGCGC           6396         UUCAAUCCA	_	CAUGAAGU G	12809	UGCCUGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACUUCAUG	35094
6481         CUCAAUGA G CCCUAUCU         12811         AGAUAGGA           6466         CUGAGGAC G UUUUCCCG         12812         CGGGAAAA           6455         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6440         GCUUGAAC G UCCUUGAA         12814         UUCAAGGA           6431         CGUUGAAC G CCUUUAGU         12815         ACUAAGGA           6431         CGCUUUAGU         12816         ACCAGGCA           6426         AGUGCCUG         UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGA         UGAUCCGA         12818         UCGGAUCA           6405         AGUGCCUG         UGAUCCGA         12819         AGGGUGUA           6406         ACCCUGGC         UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA         12822         AGGCCGC           6394         AAUCCAGC         G CGCCCCA         12823         UGACGCG           6394         AAUCCAGC         G CGCCCCA         12823         UGACGCG           6394         AUCCAGC         G CGCCCCA         12823         UGACGCG           6394         AUCCAGC         G CGCCCAGA         12823         UGACGCGC           6395 <t< td=""><td></td><td>GUGCUCAG G</td><td>12810</td><td>GAAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGCAC</td><td>35095</td></t<>		GUGCUCAG G	12810	GAAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGCAC	35095
6466         CUGAGAAC G UUUUCCCG         12812         CGGGAAAA           6455         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6440         GCUUGAAC G UCCUUGAA         12814         UUCAAGGA           6431         CGCUUNAGU         12815         ACUAAGGA           6431         CGCUUNAGU         12816         ACCAGGCA           6426         AGUGCCUG         UGCUGGUGA         12817         UCACCAGGCA           6417         UGAUCCGA         UGANCCGA         12818         UCGGAUCA           6407         ACACCCUG         G UCAAUCCA         12820         GAUUGACG           6394         AAUCCAGC         G CGGCCCC         12821         UGGAUUGA           6394         AAUCCAGC         G CGGCCCCA         12823         UGAGCCGC           6394         AAUCCAGC         G CGCCCCA         12823         UGAGCCGC           6394         AAUCCAGC         G CGCCCCCA         12823         UGAGCCGC           6394         AAUCCAGC         G CGCCCCCA         12823         UGACGCGC           6395         UUCAAUCCA         12823         UGACGCGC           6394         AAUCCAGC         G CGCCCCACA         12823         UCACGCGC           <	Н	CUCAAUGA G	12811	AGAUAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUGAG	32096
6455         UUCCCGAG G CGAAGUCC         12813         GGACUUCG           6450         GAGGCGAA G UCCUUGAA         12814         UUCAAGGA           6440         CCUUGAAC G CCUUNAGU         12815         ACUAAGGA           6431         CGCUUNAGU         12816         ACCAGGCA           6426         AGUGCCUG         UGAUCCGA         12817         UCACCAGGCA           6417         UGAUCCGA         UGAUCCGA         12818         UCGGAUCA           6407         ACACCCUGG         UGAUCCGA         12819         AGGGUGUA           6408         ACCCUGGC         UCAAUCCA         12821         UGGAUUGA           6394         AAUCCAGC         G GGGCCUCA         12821         UGGAUUGA           6394         AAUCCAGC         G GGGCCUCA         12823         UGAGGCG           6394         AAUCCAGC         G GGGCCUCA         12823         UGAGGCG           6394         AUCCAGGC         G CUCAGGA         12823         UGAGGCG           6394         UUCACCAG         G CUCAGGA         12823         UGAGGCG           6394         UUCACCAG         G CUCAGGA         12823         UCACGGAG           6367         CAAGCCGCA         G CUCAGGA         12823 <t< td=""><td></td><td>CUGAGAAC G</td><td>12812</td><td>CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUCAG</td><td>35097</td></t<>		CUGAGAAC G	12812	CGGGAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUCAG	35097
6450         GAGGCGAA G UCCUUGAA         12814         UUCAAGGA           6440         CCUUGAAC G CCUUUAGU         12815         ACUAAAGG           6431         CGCCUUUA G UGCCUGGU         12816         ACCAGGCA           6431         CCUUUAGU         CCUGGUGA         12817         UCACCAGGCA           6426         AGUGCCUG         UGAUCCGA         12819         UCACCAGGCA           6407         ACACCCUG         GAUCAAUCC         12829         AGGGUGUA           6408         ACCCUGGC         UCAAUCCA         12821         UGGAUUGA           6394         AAUCCAGC         GGGCCUCA         12821         UGAGCCGC           6394         AAUCCAGC         GGGCCUCA         12823         UGAGGCCG           6394         AUCCAGCG         GCGCCUCA         12823         UGAGGCCG           6394         AUCCAGGC         GCGCCUCA         12823         UGAGGCGG           6394         UUCACCAG         GCUCAGGA         12823         UCACGAGG           6387         UUCACCAG         GCUCAGGA         12824         UUCUCGAGG           6387         UUCACCAG         GCUCAGGAG         12825         AGGCCGCG           6382         CAAGCUUC         GCACGGCGC <t< td=""><td></td><td>UUCCCGAG G</td><td>12813</td><td>GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGGGAA</td><td>32098</td></t<>		UUCCCGAG G	12813	GGACUUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGGGAA	32098
6440         CCUUGAAC G CCUUUAGU         12815         ACUAAAGG           6433         CGCCUUUA G UGCCUGGU         12816         ACCAGGCA           6431         CCUUUAGU G CCUGGUGA         12817         UCACCAGGCA           6426         AGUGCCUG G UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGA G UGAUCCA         12819         AGGGUGUA           6407         ACACCCUG G CGUCAAUC         12821         UGGAUUGA           6396         UCAAUCCA         12821         UGGAUUGA           6394         AAUCCAGC G CGCGCCC         12822         AGGCCGCG           6394         AAUCCAGC G CGCCCCA         12823         UGAGGCCG           6394         AAUCCAGC G CGCCCCA         12823         UGAGGCCG           6394         AUCCAGCG G CCUCAGAA         12823         UGAGGCCG           6394         UUCACCAA G CUCAGAA         12824         UUCUCGAG           6367         UUCACCAA G CUCGAGAA         12824         UUCUCGAAG           6367         CAAGCUUC         UGAUCAGAC         12825         AGGCCGCAA		GAGGCGAA G	12814	UUCAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGCCUC	35099
6433         CGCCUUUA G UGCCUGGU         12816         ACCAGGCA           6431         CCUUUAGU G CCUGGUGA         12817         UCACCAGG           6426         AGUGCCUG G UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGG G UGAUCCGU         12819         AGGGUGUA           6407         ACACCCUG G CGUCAAUC         12821         AGGGUGUA           6396         UCAAUCCA         12821         UGGAUUGA           6394         AAUCCAGC G CGCGCCUCA         12822         AGGCCGCG           6394         AAUCCAGC G CGCGCCCCA         12823         UGAGGCCG           6391         UUCAGCGC G CCUCAGAA         12824         UUCUGAGG           6387         UUCAGCCG         CCUCAGAA         12824         UUCUGAGG           6387         UUCAGCCA         CCUCAGAA         12824         UUCUGAGG           6387         UUCACCAA         G CUCAGAA         12824         UUCUGAAG           6387         UUCACCAA         G CUCAGAA         12825         AGGCCGCG	$\perp$	CCUUGAAC G	12815	ACUAAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCAAGG	35100
6431         CCUUUAGU G CCUGGUGA         12817         UCACCAGG           6426         AGUGCCUG G UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGA G UGAUCCGU         12819         AGGGUGUA           6407         ACACCCUG G CGUCAAUC         12820         GAUUGACG           6405         ACCCUGGC G UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA         GGGCCCCG         12822         AGGCCGCG           6391         CAGCCGCG         GGGCCCCC         12823         UGAGCCGC           6391         CCAGCGCG         GCGCCCCCA         12823         UGAGGCCG           6391         UUCAGCCA         GCUCAGGA         12824         UUCUGGAG           6367         UUCACCCAA         GCUCAGGA         12824         UUCUGGAG           6367         UUCACCAA         GCUCAGGAA         12824         UUCUGGAG           6367         CAAGCUUC         GUAGGCCG         GCUCAGAA         12825         AGCCGAAG	_	CGCCUUUNA G	12816	ACCAGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGGCG	35101
6426         AGUGCCUG G UGAUCCGA         12818         UCGGAUCA           6417         UGAUCCGA G UACACCCU         12819         AGGGUGUA           6407         ACACCCUG G CGUCAAUC         12820         GAUUGACG           6405         ACCCUGGC G UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA         636CCUCA         12822         AGGCCGCG           6391         CAGCCGCG         GCGCCCCC         12823         UGAGCCGC           6391         CCAGCGCG         GCCUCAGAA         12823         UUCUGAGG           6367         UUCACCCAA         GCUCAGGAA         12824         UUCUGAGG           6367         UUCACCCAA         GCUCAGGAA         12824         UUCUGAGG           6367         UUCACCCAA         GCUCAGGAA         12825         UCACGAAG           6367         CAAGCUUC         GUANGGUGA         12825         AGUCACCAA	Н	CCUUUAGU G	12817	UCACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAAAGG	35102
6417         UGAUCCGA G UACACCCU         12819         AGGGUGUA           6407         ACACCCUG G COUCAAUC         12820         GAUUGACG           6405         ACCCUGGC G UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA G CGCGGCU         12822         AGGCCGCG           6394         AAUCCAGC G CGCCUCA         12823         UGAGGCCG           6391         CCAGCGCG G CCUCAGAA         12824         UUCUGAGG           6367         UUCACCAA G CUCAGAA         12824         UUCUGAGG           6367         CAAGCUUC G UGAUGACU         12824         UCCUGAGAG	-	AGUGCCUG G	12818	UCGGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGCACU	35103
6407         ACACCCUG G CGUCAAUC         12820         GAUUGACG           6405         ACCCUGGC G UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA G CGCGCCU         12822         AGGCCGCG           6394         AAUCCAGC G CGCCUCA         12823         UGAGGCCG           6391         CCAGCGCG G CCUCAGAA         12824         UUCUGAGG           6367         UUCAGCCAA         CUUCGUGA         12824         UUCUGAGG           6367         CAAGCUUC G UGAUGAGU         12825         UCACGAGAG	Н	UGAUCCGA G	12819	AGGGUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAUCA	35104
6405         ACCCUGGC G UCAAUCCA         12821         UGGAUUGA           6396         UCAAUCCA G CGCGCCU         12822         AGGCCGCG           6394         AAUCCAGC G CGCCUCA         12823         UGAGGCCG           6391         CCAGCGCG G CCUCAGAA         12824         UUCUGAGG           6367         UUCACCAA G CUCGGAA         12824         UUCUGAGG           6362         CAAGCUUC G UGAUGAGA         12825         UCACGAAA		ACACCCUG G	12820	GAUUGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGUGU	35105
6396         UCAAUCCA G CGCGCCU         12822         AGGCCGCG           6394         AAUCCAGC G CGCCUCA         12823         UGAGGCCG           6391         CCAGCGCG G CCUCAGAA         12824         UUCUGAGG           6367         UUCACCAA G CUCGUGA         12825         UCACGAAG           6362         CAAGCUUC G UGAUGACU         12825         AGUCAUCA	Н	ACCCUGGC 6	12821	UGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGGGU	35106
6394         AAUCCAGC G CGGCCUCA         12823         UGAGGCCG           6391         CCAGCGCG G CCUCAGAA         12824         UUCUGAGG           6367         UUCACCAA G CUUCGUGA         12825         UCACGAAG           6362         CAAGCUUC G UGAUGACU         12825         AGUCAUCA	-	UCAAUCCA G	12822	AGGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUUGA	35107
6391 CCAGGGG G CCUCAGAA 12824 UUCUGAGG 6367 UUCACCAA G CUUCGUGA 12825 UCACGAAG 6362 CAAGCUUC G UGAUGACU 12826 AGUCAUCA	$\dashv$	AAUCCAGC G	12823	UGAGGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGGAUU	35108
6367 UUCACCAA G CUUCGUGA 12825 UCACGAAG 6362 CAAGCUUC G UGAUGACU 12826 AGUCAUCA	_	CCAGCGCG G	12824	UUCUGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGCUGG	32109
6362 CAAGCUUC G UGAUGACU 12826 AGUCAUCA	$\dashv$	UUCACCAA G	12825	UCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUGAA	35110
The state of the s	$\dashv$	CAAGCUUC G	12826	AGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCUUG	35111
6345 UCCACUUC G UUGUUGUC   12827   GACAACAA	4685 6345	uccacuuc a uusuusuc	12827	GACAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUGGA	35112

AKAR	6342	ACTITIONING INTERCONC	12828	GAAGACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAAGU	35113
4691	6339	þ	12829		35114
4704	6326	O	12830	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35115
4706	6324	AAAAUUGU G UUUGUCCU	12831	AGGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUUUU	35116
4710	6320	vyguguty g uccuagga	12832	- 1	35117
4727	6303	CCAUCAAA G CACCACCU	12833		35118
4739	6291	CACCUCCG G UCGUGGUA	12834	- 1	35119
4742	6288	CUCCGGUC G UGGUAUGA	12835	UCAUACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCGGAG	35120
4745	6285		12836		35121
4758	6272	ACACUCCA G CCGCUGCA	12837		35122
4761	6269	CUCCAGCC G CUGCAACC	12838	1	35123
4764	6266	CAGCCGCU G CAACCUUG	12839	- 1	35124
4772	6258	GCAACCUU G UAAGCCAG	12840		35125
4776	6254	CCUUGUAA G CCAGCCAA	12841		35126
4780	6250	GUAAGCCA G CCAAACUG	12842		35127
4789	6241	CCAAACUG G CAGAUCUG	12843		35128
4797	6233	GCAGAUCU G CAGUCCUC	12844	GAGGACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCUGC	35129
4800	6230	GAUCUGCA G UCCUCAAC	12845	GUUGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAGAUC	35130
4810	6220	CCUCAACA G UUCCAGAA	12846		35131
4820	6210	UCCAGAAA G UUUUUUCU	12847		35132
4843	6187	uccucuga g ccgguauu	12848		35133
4847	6183	ı	12849	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35134
4863	6167	CAUCCAUG G UAUAUACC	12850		35135
4879	6151	COUCUCAC G CUCUGGOU	12851		35136
4885	6145	ACGCUCUG G UUGGUAGA	12852	- 1	35137
4889	6141	UCUGGUUG G UAGAAUUG	12853		35138
4899	6131	AGAAUUGA G CGAUCAGU	12854	ACUGAUCE GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUUCU	35139
4906	6124	AGCGAUCA G UCCGUUUG	12855	1	35140
4910	6120	AUCAGUCC G UUUGGCAU	12856		35141
4915	6115	ucceuting a cauguda	12857	- 1	35142
4919	6111	UNUGGCAU G UNGAUGUU	12858	- 1	35143
4925	6105	AUGUUGAU G UUGUCCAG	12859	- 1	35144
4928	6102	UUGAUGUU G UCCAGCAU	12860		35145
4933	6097	GUUGUCCA G CAUGAUUC	12861		35146
4942	6088	CAUGAUUC G UGCCUCAG	12862		35147
4944	9809	UGAUUCGU G CCUCAGUC	12863	- 1	35148
4950	6080	gueccuca e uccaauge	12864	- 1	35149
4959	6071	UCCAAUGG G CGAAGUUC	12865		35150
4964	9909	UGGGCGAA G UUCGAGUC	12866		35151
4970	0909	AAGUUCGA G UCGUCUUC	12867	GAAGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAACUU	35152

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4973	2509	nacevenc e accacean	12868	AAUGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCGAA
4983	6047	CONCYDDC 8 AGRECCCC	12869	GGGGCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAUGAAG
4985	6045	ncynnean e nececee	12870	GGGGGGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAUGA
4987	6043	AUUCGUGU G CCCCCAU	12871	AUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGAAU
2000	0 6 0 9		12872	GAUGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUAUGG
5017	6013	ACCAACUU G CGACGGAU	12873	AUCCGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUUGGU
5038	2669	ACCGAUAC G UCCACGUC	12874	GACGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAUCGGU
5044	5986	ACGUCCAC G UCUCUGGG	12875	CCCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACGU
5052	5978	encacade e ceecacay	12876	UAGUGCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC
5055	265	nanegece e ascavean	12877	AGCUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCCAGA
2061	6965	COOCYCAY O CAOCAOOAC	12878	GACAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGUGCCG
5064	9969	cycayeca e caeacyca	12879	AGUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGUG
2067	5963	UNGCUGCU G UCACUGCA	12880	UGCAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGCUA
5073	5957	COGOCYCO G CYGYOGOO	12881	ACCAUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGACAG
5080	5950	ивсявиле в писиссся	12882	UGGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCUGCA
5112	5918	CUCCUUCU G UUAUGAUG	12883	CAUCAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGGAG
5121	5909	UNAUGAUG G UUGGUUUC	12884	
5125	5905	GAUGGUUG G UUUCACAC	12885	GUGUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAUC
5141	5889	CUCUUCCG G CUGUCAAU	12886	AUUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAAGAG
5144	2886	UUCCGGCU G UCAAUCAC	12887	GUGATUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAA
2156	5874	<b>0</b>	12888	AAGGCGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGAU
2160	5870	cccugcuc e ccuugaag	12889	CUUCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGGG
5168	5862	eccunera e unagococo	12890	GGGGCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAAGGC
5172	5858	UGAAGUUA G CCCCCAUU	12891	AAUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACUUCA
5189	5841	UCAGAUAU G UCUGUUGU	12892	ACAACAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUCUGA
5193	5837	AUAUGUCU G UUGUGAUA	12893	UAUCACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACAUAU
2196	5834	UGUCUGUU G UGAUAACA	12894	UGUNAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGACA
5207	5823	AUPACAAA G UCCCAAUC	12895	GAUUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUUAU
5219	5811	CAAUCAUC G UUCUUACA	12896	UGUAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGAUUG
5234	2796		12897	ACGGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAAAAUG
5241	5789	GGUACUCC G UCUCGUAC	12898	GUACGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGUACC
5246	5784	ucceucuc a uaceacuu	12899	AAGUCGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGACGGA
5258	5772	GACUUUCU G UUCAAUUG	12900	CAAUUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGUC
5283	5747	ucunucca e caceuneu	12901	ACAACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAGA
5287	5743	б	12902	GCCUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUGGA
5290	5740	ø	12903	UUUGCCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGUGCU
5294	5736	ບ	12904	
5301	5729	GGCAAAGG G CAAUCUCA	12905	UGAGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGCC
5329	5701	GACACUAG G CACAAACC	12906	
5343	5687	ACCAAACC G UCUUCCCG	12907	CGGGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUUGGU

Table XII

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5352	5678	UCUUCCCG G UGUANICII	12908		
5354	5676	90.09	12909	GGAGGAAACHCCCUUCAAGGACAUCGUCCGGG CGGGAAGA	35193
5361	2669	UGUAUUCU G UGAUCCAU	12910	GGAGGAAACUCCCUUCAAGGACAICGIICCGGG AGAAITACA	35195
5372	5658	AUCCAUUC G UAUCCAGA	12911	GGAGGAAACUCCCUUCAAGGACAIICGIICCGGG GAAIIGGAII	35196
5381	5649	UAUCCAGA G UUCCAAGC	12912	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG IICIIGGAIIA	35197
5388	5642	AA G	12913	UUGGAACU	35198
5406	5624	ව ජ	12914	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUCC	35199
5410	5620	ט	12915	AGACUGAG	35200
5414	5616	Ö	12916	UUACAGAC	35201
5425	5605	ט	12917	CAAUTUCC	35202
5454	5576	Ö	12918	UIICAGAUC	35203
5456	5574	ט	12919	ACTITICAGA	35204
5461	5569	o	12920	GGAGGAAACUCCCUUCAAGGACAUCGIICCGGG CAGGCACII	35205
5466	5564	ß	12921	GGAGGAAACUCCCUUCAAGGACAUCGIICCGGG CCCACCAC	35206
5469	5561		12922	CACCCCAC	35207
5472	5558	GGGUGGCU G UCAUGAAU	12923	ひしていっしつ	35208
5484	5546	O	12924	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAUIICA	35209
5487	5543	AUAUUGCC G CCGCCUCC	12925	מקקים שוואוז	35210
5490	5540	ย	12926	GGCGGCAA	35211
5500	5530	ם	12927	TAGGGGAT	35212
5511	5519	២	12928	AAAGGUCG	35213
5519	5511	Ø	12929	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCCAC	35214
5529	5501	B B	12930	+	35215
5532	5498	O	12931	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAGAG	35216
2537	5493	٥	12932	AUUGCAGC	35217
5541	5489	O	12933	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCAUUG	35218
5546	5484	ס	12934	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCUAG	35219
0250	5480	0	12935	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCCAG	35220
2223	7/80	UGAAAUGA G CCUCAUCC	12936	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUUCA	35221
0000	1020	ه   د	12937	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUUCGU	35222
2000	2448	ا د	12938	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUGUU	35223
2282	2442	ا ت	12939	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACAACCU	35224
0644	5440	σ	12940	CGAACUAC	35225
5597	5433	O	12941	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGCC	35226
5611	5419	٥	12942	UGAUGUCU	35227
5615	5415	٥	12943	AGGCUGAU	35228
5619	5411	ט	12944	CCACAGGC	35229
5625	5405	O	12945	CCUCACCC	35230
5628	5402	O	12946	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCCUCA	35231
2995	5365	UCCAUVAU G UUCUCUGG	12947	AUAAUGGA	35232

Table XII

5674	5356	UNCUCUGG G CACUGCGG	12948	CCGCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAA	35233
5679	5351	UGGGCACU G CGGAUGUC	12949	1 1	35234
5685	5345	CUGCGGAU G UCUGGUAC	12950	GUACCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCGCAG	35235
2690	5340	GAUGUCUG G UACCGGAU	12951	AUCCGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACAUC	35236
5701	5329	CCGGAUGG G CAGUCCUC	12952	GAGGACUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCAUCCGG	35237
5704	5326	GAUGGGCA G UCCUCUCA	12953	UGAGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAUC	35238
5713	5317	UCCUCUCA G UGCUUCAG	12954	CUGAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAGGA	35239
5715	5315	CUCUCAGU G CUUCAGCC	12955	GGCUGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAGAG	35240
5721	5309	GUGCUUCA G CCAUCUCA	12956	UGAGAUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAAGCAC	35241
5730	5300	CCAUCUCA G CAGCCACA	12957	UGUGGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGAGAUGG	35242
5733	5297	UCUCAGCA G CCACAACC	12958	GOUNGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCUGAGA	35243
5745	5285	CAACCCUG G UUGGUGCU	12959	AGCACCAA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGGGUUG	35244
5749	5281	ccueenua e uacuaeca	12960	UGCUAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCAGG	35245
5751	5279	UGGUUGGU G CUAGCACG	12961	CGUGCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAACCA	35246
5755	5275	UGGUGCUA G CACGGCUG	12962	CAGCCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGCACCA	35247
5760	5270	വൗരായ ര വേദ്ധവാ	12963	GAGAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCUAG	35248
5763	5267	nevanan e naesavas	12964	ACUGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGUGC	35249
5770	2260	nennanon e vanannen	12965	ACAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGAACA	35250
5777	5253	AGUCUUCU O UUUAUGGC	12966	GCCAUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGACU	35251
5784	5246	UGUUUAUG G CCUCUUUG	12967	CAAAGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAAACA	35252
2800	5230	GAUGAUCU G UGGCAGAA	12968	UUCUGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCAUC	35253
5803	5227	ß	12969	GGAUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAUC	35254
5817	5213	Ö	12970	CGGUAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGGA	35255
5826	5204	UUUVACCG G CGCCGGGA	12971	UCCCGGCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGUAAAA	35256
5828	2025	Ø	12972	CAUCCCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGUAA	35257
5845	5815	GAGAUCCA G UACAGUGA	12973	UCACUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUCUC	35258
5850	2180	CCAGUACA G UGAUCUGU	12974	ACAGAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUACUGG	35259
5857	5113	J G	12975	GGAAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUCACU	35260
5869	2161	unicenca e canencae	12976	CUGAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGGAAA	35261
5878	5152	ט	12977	GAUUCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGAUG	35262
5889	5141	D	12978	AAUCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAUUCG	35263
5899	5131	D D	12979	UGGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUCCCA	35264
5920	2110	UUCACCCU G CACUAUCG	12980	CGAUAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGGUGAA	35265
5928	2015	GCACUAUC G CGCUUAUG	12981	CAUAAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUAGUGC	35266
5930	0015	9	12982	UACAUAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAUAGU	35267
5936	5094	GCGCUUAU G UAUGAGCC	12983	GGCUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGCGC	35268
5942	8805	AUGUAUGA G CCGUUGGG	12984	CCCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUACAU	35269
5945	2085	D G	12985	AUGCCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUCAUA	35270
5950	2080	eccevude e cauvauga	12986	UCAUAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAACGGC	35271
2966	5064	ACUCCAUU G CCAUAAAG	12987	CUUUAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGGAGU	35272

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ACRUCACC G UDUTUBURC         12999         GROADARA GRAGGARACCUCCUUCARGGACAUCGUCGGGG RARAACGG           COGUNUUG         GUUCACUM         12999         AUAGUGGG         GRAGGUAR         GRAGGARA         GRAGGA	5974	5056	GCCAUAAA G CCCAAUCA	12988	UGAUUGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUAUGGC	35273
\$0.13         COCRUMUNO G UNCACADOR         12.999         MARGINGARA ACCCCUTCHARGACAUCCCUTCHARGACAUCCCCCGGG CANAGGGGGGGGGGGGGGGGGGGGGGGGGGG	5990	5040	Ö	12989	GACAAAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35274
\$123         ACAUCHAUNG O TORGAGOUGO         12991         CAGGGUADA GRADABARCHICCUTCAAGGGACAUCGGGGG CAAUAGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGGGAAUCGGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGAAUCGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAAUCGGGAACGGAAUCCGGAAUCCCGGAAGAACGAAUCCCGGAAAUCGAAUCCGGAAAUCGAAUCGAAUCGAAUCGAAUCGAAUCGAAUCGAACGAA	2996	5034	B 0	12990	AUAGUGGA		35275
\$10.15         AUDICADAD         CALCIDADA GORDADARCICCCUUCAAGGACAUCGUCGGG AUCAGGCU           \$10.15         AUDICAGUA         12.993         CACUTCAA         GORDADARCICCCUUCAAGGACAUCGGGGG AUCAGGCU           \$10.16         AUDICAGUA         12.993         CUUCCCCAA         GORDADARCICCCUUCAAGGACAUCGGGGGGG UGAGGAACCUCCGGGG           \$10.16         AUDICAGUA         12.994         CUUCCCAA         GORDADAACCUCCUUCAAGGACAUCGGGGGGG           \$10.16         AUGUCCAA         GORDADAACCU         GORDAGAGACUCGGGGGGGACAUCGGGGGGGGGGGGGGGGGGG	6007	5023	O	12991	CAGGCUCA		35276
5012         AGECURAN G UNICCAGNG         12993         CRUCCCCCA GORGGAAACUCCUUCAAGGACAUCGUCGGGG UGGAACACUCCCUUCAAGGACAUCGUCGGGG UGGAACACUCGGGGGGGGGG	. 6011	5019	Ø	12992	ACAUCAGG		35277
\$10.06         ANUBUNCOR O LUBGGRAMO         12.994         CUUTUCCCCL GARGARACUCCCUUCAAGGACAUCGUCGGG UUGGACACA           4.991         AGUCCAAA         GAGCCGAAA         GAGCGAAAACUCCCUUCAAGGACAUCGUCGGG UUGGACACACACACACACACACACACACACACACACACAC	6018	5012	Ø	12993	CACUGGAA		35278
4998         GUECGARA G         12995         ACUTUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUCCCAACA           4991         AGUCCAAA G         UCAGGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUCCACCA           4986         AGUCCAAA G         UCAGGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUCACACA           4986         CUCUCAGGU         UUUUUUA         12999         UCAACACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUCACAGA           4986         CUCUCAGGU         UUUUUAACA         13000         AGACGAAA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         CAGGAGA           4984         CUUCAGAC         13001         CGCCAAAAA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         CAGGAGAA           4984         CUUCAGAC         13001         CGCCAAGAA         GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG         CAGGAGAAACUCCCCUUCAAGGACAUCGUCCGGG         GAACGAAA         GGAGGAAACUCCCCUUCAAGGACAUCGGGGGGGGGGGGG	6024	2006	ဗ	12994	CUUCCCCA		35279
4991         AGUCCORA G UCCCAGNU         12999         GEOCROGIA G GRAGGARACUCCCUUCAAGGACAUCGUCCOGG         UUCGAGGA GUACAACA           4965         NAGUCCAG G CCCCCAUU         12999         AAUCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG         CUUCAAGA         4946           4966         UCCUCAG         GUUCAAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUUCAGGG         CUUCACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUUCAGGG         CUUCAGGG         CUUCAGGG         GUUCAAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUUCAGGG         CUUCAGGG         GUUCAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAUCAGGG         CAUCAGGG         GUUCAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGGGG         GAGGGAAACUCCCUUCAAGGACAUCGGGG         GAGGGAAACUCCCUUCAAGGACAUCGGGG         GAGGGAAACUCCUUCAAGGACAUCGGGG         GAGGGAAACUCCCUUCAAGGACAUCGGGGGGAACACAACAAGGACAACAACAACAAGGACAACA	6032	4998	Ø	12995	ACUUUGGA		35280
4985         AMGUCAGO G CCCCABAU         12997         AAUCGGGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAGGA           4986         UCCUCAGO         G UUUUGAAC         12999         GUCAAAACA         GGGGAAACUCCCUUCAAGGACAUCGCUCCAAGGACAUCGUCGGG         CUGAAAGGA           4948         CACCCCUG         U UUCGACU         13000         AGACGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CAGGGGUG           4948         CACCCCUG         U UUCGACU         13001         CGTCCAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAACCGGG         GAACGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUCAACACA         GAACCGGG         GAACGGG         <	6039	4991	ტ	12996	GGCCGUGA		35281
4966         UCCUUCMO         0 HOUNDAMO         12998         UCDADARA         GARGGARACUCCUUCAAGGACAUCGUCCGGG         CUCAGGG           4964         CUUCAGGG         UUUCAGUC         13000         AGAGGARA         GAGGGARACUCCCUUCAAGGACAUCGCCGGG         GAGGGGG           4984         CACCCCGG         UUUCGGC         13000         AGAGCARA         GAGGGARACUCCCUUCAAGGACAUCGCCGGG         GAGGGGGG           4983         CUGGUUCA         13001         GUUCAGAA         GAGGGARACUCCCUUCAAGGACAUCGCCCGGG         GAACCGGG           4984         CUCGAGC         UUUCUACC         13001         GUUCAGAA         GAGGGAAACUCCCUUCAAGGACAUCGCCCGGG         GUUCAGAA           4985         UUCUUACC         13004         GAACCGG         GAACCGG         GAACCGG         GAACGGG	6045	4985	ဗ	12997	AAUCGGGG	1 1	35282
4964         CUUCAGGU G UDUGGADA         12999         GUUCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG CAGGGGUG           4948         CACCCCGG UDUGGACA         13000         AGACGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGGGG	6064	4966	Ø	12998	UCAAAACA	1	35283
4948         CACCCCUG G UDUCGROU         13000         AGACGARAA GGAGGAAACUCCUCAAGGACAUCCUCCAGG GAACCCAGG           4943         CUGGGROU         G UDUCGAGG         13001         GUUDAGAA         GGAGGAAACUCCCUCCAAGGAACUCCCUCCAAGGACAUCCUCCAGG           4935         CUCUGGAC         13001         GUUDAGAA         GGAGGAAACUCCCUCCAAGGAACUCCCUCCAAGGACAUCCUCCAGG           4926         UUCUUNAC         13002         GUUDAGAA         GGAGGAAACUCCCUCCAAGGAACUCCCUCCAAGGACAUCCUCCAGG           4927         ACCUUCU         13003         GGCACAGAA         GGAGGAAACUCCCUCCAAGGACAUCCUCCAGG         GAGACGAA           4891         CUUCCACCA         13003         GGACCAGGA         GGAGGAAACUCCCUCCAAGGACAUCCUCCAGG         GAGAGGAA           4887         CUUCCACU         G CCCCUCCA         13009         AUGAGGAAACUCCCUCCAAGGACAUCCUCCAGGAGAACUCCCUCC	9909	4964	Ø	12999	GUUCAAAA		35284
4943         CONGROUNC G UCUGARGO         13001         COUTCARA         GARGGRAACUCCUUCAAGGACAUCGUCCGGG         GAAACCAG           4925         GUUUNAC G UUCUUAAC         13002         GACAAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUAAAAC           4926         ACGUUCUU G CCAGGUUC         13003         GACAAGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUAAAAC           4926         ACGUUCUU G CCAGGUUC         13004         GAAACCGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUCACGG           4937         AUCUCCCC         13007         GAGGGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUCACGG           4887         CUUCACUU         13008         AUGGGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGAGAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGAGAACUCCCUUCAAGGACAUCGUCCGGG         AGGGGAGAACUCCCUUCAAGGACAACCCCUUCAAGGACAACCCCUCCGGG         AGGGA	6082	4948	ø	13000	AGACGAAA		35285
4935         GUUCHUMAC         1902         GUUDAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCCAGAC           4926         UUCUUAAC         G HUCUUAAC         13003         GAACCUGG         GGAGGAAAA         GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         GAACACGG           4915         CUUGCCAG         G HUCCACCA         13004         GAACCUGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGAACGG           4891         ACUUCCU         C CACGUCAU         13005         UGGGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUGGCAGG           4885         CUUCCACU         G TACCUCAU         13009         UAGGGGAAACUCCCCUUCAAGGACAUCGUCCGGG         AGAUGAU           4870         UUCCACCU         G TACCACUA         13009         UAGGGGAAACUCCCCUUCAAGGACAUCGUCCGGG         AGAUGAAA           4871         UUCCACCU         G TACCACUA         13010         AAUTGCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGCAGGA           4872         UUCCACUU         G TACCAAU         13010         AAUTGCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AGAGCACAC           4871         UUCCACUU         G TACCAAU         13011         AGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG         ACAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG	6087	4943	Ð	13001	CGUCCAGA		35286
4926         UUCUUNAC G UUCUUGCC         13003         GGCAAGAA GGAGGAAACUCCUUCAAGGACAUCGGGG GUUAAGAA           4920         ACGUUCUU G CCAGUUCC         13004         GAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAAGAU           4915         CUUGCCOG G CCACUCC         13006         UGGGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAUGAUU           4887         AAUCAUCCA         13006         AUGAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAUGU           4881         UCCACUUG         GCCGUUCC         13007         GGAACGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAAU           4881         UCCACUUG         G UCCACUUC         13009         UAGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCAGGA           4881         UCCAACUUG         G UCCUCCA         13010         AAUUGCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCAGGA           4882         CUUGCACU         13011         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCAGGA           4885         CUUGCACU         13012         AAGUGGAA         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG GGCCAGGA           4886         CUUGCACU         13012         ACGGAGGA GGAGGAACUCCUUCAAGGACAUCGUCCGGG GGCCAGGA           4887         UUUCCAGG G UCCUCCG         13013         ACGGAGGAACUCCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCGGG CCUUCAAGGACAUCGUCCGGG CCUUCAAGGACACACACACACACACA	6095	4935	D	13002	GUUAAGAA	1	35287
4920         ACGUNCOUR G CCAGGROUD         13004         GRACCUGGG GAGGGAAACUCCCUUCAAGGACAUCGGCGG AACAACG           4915         CUUGGCGG G UUCCACCA         13005         GAGGGGAAACUCCCUUCAAGGACAUCGGCGGG CUGGCAAGG           4817         CUUGGCCG G UUCCACCU         13007         GABACGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAGGA           4818         CUCAGGCCG G UUCCACUU         13008         AAGGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAGGAA           4812         UCCGGCCG G UUCCACUU         13009         AAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAGGAA           4812         UCCGCCUGG         GUCCACUGG         13011         AAGGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGGAA           4817         UCCACUGG         GUCCACUGG         13011         GAADAUUG         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGGAA           4867         CUUGGCG         UUCCACUGG         13011         AAUGGAGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGGAA           4867         CUUGGCG         UUCCACUGG         13011         AAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGGAAA           4868         UUUCCAGG         UUCCACUGG         13012         ACGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAGAACUCCCUUCAAGGACAUCGUCCGGG GCAGGAAACUCCCUUCAAGGACAUCGUCCGGG GC	6104	4926	Ð	13003	GGCAAGAA		35288
4915         CUUGCCAG G UUCCACCA         13005         UGGUGGAAA GGAGGAAACUCCCUUCAAGGACAUCGGGG CUGGCAAG           4887         ANCAUCU G CACCUCAU         13006         AUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCCGGG AGAUGAU           4887         CUCUGCC G UUCCACUU         13008         AAGGAGGAC           4887         CUCUGCC G UUCCACUU         13008         AAUGGGAA           4872         UUCCACUUG         GCGGACAAA         13009           4873         UUCCACUUG         GCGCAAUU         13010           4874         UUCCACUUG         GCGCAAUU         13010           4875         UUCCACUUG         GCGCAAUU         13010           4870         CCACUUGU         GCGCAAUU         GGAGGAAACUCCCUUCAAGGACAUCGGGG           4871         UUCCACUUG         GCGCAAUU         13011         AAUGGAGG           4872         UUCCACUUG         GCGCAAUU         13011         AAUGGAGGA         GGAGGAAACUCCCUUCAAGGACAUCGGGG           4873         UUCCACUUG         GCACUAAAG         13011         AGGAGGA         GGAGGAAACUCCCUUCAAGGACACCGGG         CCCCACACUAGA           4884         GUUCCACG         UUCCACGG         13011         AGGAGGA         GGAGGAAACUCCCUUCAAGGACACCCCCCGGG         CCCCACUAGA           4885         GUUCCACC         UUCACACUAC	6110	4920	9	13004	GAACCUGG		35289
4897         AANCAUCU G CACCUCAU         13006         AUGAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGAU           4885         CUCAUCUC G CACCUUCA         13007         GGAAGGAGAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAA           4872         UUCCACUUC         13009         UUGGAGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4870         UUCCACUUC         13009         UUGGAGCA         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4870         CCACUUGU         GCGCAAUU         13010         AAUUGCAG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4870         CCACUUGU         GCGCAAUU         13011         GGAAAUUG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGUGGAA           4871         CUUGUCC         UACUCCCU         13011         GGAAAUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGUGGAA           4884         GGUCCUCC         UACACAAA         13012         ACGGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         ACACACAAA           4810         GUCCACCC         UACACAAA         13014         ACGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACACACAAA           4821         UUGACACA         UACACAAA         13014         ACGGAGAAACUCCCUUCAAGGACACACGCCGGG         ACGGAGAAACUCCCUUCAAGGACACACGCCCGGG         ACGCACAAACCCCUUCAAGGACACACGCCCCUCCAGGACACACCCCUCCAGGACACACAC	6115	4915	ტ	13005	UGGUGGAA		35290
4885         CUCANUCCI G CCCGUUCC         GGAACGGG GGAGGAACUCCUUCAAGGACAUCCGGG AGGAUGAG           4881         UCCUGCC G UUCCACUU         13008         AAGUGGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGGAGGAACUCCUUCAAGGACAUCGUCCGGG           4872         UUCCACUU G UGCUGCAA         13009         UUGCAGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAGUGGAA           4867         CUUGUGU G COAAUUCC         13011         GGAAGAAUG         GGAAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGGAGA           4867         CUUGUGCU G COAAUUCC         13012         ACAGGAGAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGGAGA           4867         CUUGUGCU G CAAUUCC         UUAACAAAG         13013         ACUUGUUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         ACAGGAGA           4869         UUCCAGG         UUCCAGGG         GGAGGAAACUCCCUUCAAGGACAUCGGCCGGG         GGAGGACACCCCGGG         GGAGGACCACCCGGG         GGAGGACACCCCGGG         GGAGGACACCCCCGGG         GGAGGACCCCCCCCCCCCCGGG         GGAGGACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	6133	4897	Ø	13006	AUGAGGUG		35291
4881         UCCUGCCC G UUCCACUU         13008         AAGUGGAA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCAGGA           4872         UUCCACUU G UGCUCCAA         13009         UUGCAGCA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGAA           4870         CCACUUGU G UGCUCCAU         13010         AAUTGCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACACACACACACACACACACACACACACACAC	6145	4885	ซ	13007	GGAACGGG		35292
4872         UUCCACUU G UGCUGCAA         13009         UUGCAGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGGAA           4870         CCACUUGU G CUGCAAUU         13010         AAUUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG ACACAAG           4870         CCACUUGU G CAAUUCCC         13011         GGAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAGGAAA           4848         GUUCCCG G UAACAAAG         13012         ACGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAGGAAA           4840         GUNACAAA         13013         CUUUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAGGAAA           4841         GUNACAAA         13014         AGGAUCCA         AGGAGCAC           4842         GUNACAAA         13015         UACUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG GAGGACAACCCCUCCGG GAGGACAACCCCUUCAAGGACAUCGUCCGG GAGGACAACUCCUCCAGG GAGGACAACCCCUUCAAGGACAUCGUCCGG GAGGACAACUCCUCCAGG GAGGACAACUCCUCCAGG GAGGACAACUCCUCCAGG GAGGACAACUCCCUUCAAGGACAUCCUCCGG CAUACCG           4803         CAGCCCCA         13013         GACCCAUA GGAGGAAACUCCCUUCAAGGACAUCCGGG CAUGACCC           4803         CAGUACCG         13013         GAGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG           4804         CAGCCCCCC         13013         GAGGGCCG         GGAGGAAACUCCCUUCAAGGACAUCCGGG CAUGACCCCCUCCGGG CAUCAAACGGC CAUCAAACGG CAUCAAACGGC CAUCAAAACG CAUCAAACGG CAUCAAAACG CAUCAAACGC CAUCAAAACG CAUCAAAACG CAUCAAAACG CAUCAUCAACGAC	6149	4881	0	13008	AAGUGGAA		35293
4870         CCACUUGU G CUGCAAUU         13010         AAUTUGCAG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGUGG           4867         CUUGUGCU G CAAIUUCC         13011         GGAAAUUG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACAAG           4855         UUUCCAGG G UCCUCCGU         13012         ACGGAGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGGAAACCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCCUUCAAGGACAUCGUCCGGG CCGGGAACCCCCUUCAAGGACACUCCCUUCAAGGACACUCCGCCCGG CCGGGAAACCCCCUUCAAGGACACUCCGCCCGG CCGGGAAACCCCCUUCAAGGACACUCCGCCCGG CCGGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACUCGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGGAAACCCCCUUCAAGGACACACGGG CCCCUGGA GAGGGAAACCCCCUUCAAGGACACACGGG CCCCUUCAAGGACACACCCCUUCAAGGACACACGGG CCCCUUCAAGGACACACCCCUUCAAGGACACACGGG CCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCUUCAAGGACACACCCCCUUCAACGACACACCCCCUUCAACGACACACCCCCUUCAACGACACACCCCCUUCAACGACACACCCCCUUCAACGACACACCCCCUUCAACCACCACCACACACA	6158	4872	O	13009	UUGCAGCA	1	35294
4867         CUUGUGCU G CAAUUUCC         13011         GGAAAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACAAG           4855         UUUCCAGG UCCUCCGU         13012         ACGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAGAC           4848         GGUCCUCC         UAACAAAG         13013         CUUUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACC           4840         GUAACAAAG         13014         AGGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAACC           4815         CUGCCCCAGUA         13014         AGGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUACUG           4803         CAGUUCCA         UCCAGGCG         GGAGCCCUC         13018         GAGGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCUUCAAGGACAUCGUCCGGG CCCUUCAAGGACACUCGUCCGGG CCCUUCAAGGACAUCGUCCGGG CCCUUCAAGGACAUCGUCCGGG AACAAAGGA CCUUCUUU G UUGUAAUGC         13021         AAGGAGCCG GGAGGAAACUCCUUCAAGGACAUCGUCCGGG AACAAAAGGA CCUUUUUU G UUGUAAUGCCAA         13022         AAAAAGAAAGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAAAAAAA	6160	4870	9	13010	AAUUGCAG		35295
4855         UUUCCAGG G UCCUCCGU         13012         ACGGAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAAA           4848         GGUCCUCC G UAACAAAG         13013         CUUUGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACC           4821         UUGACACA G UCGAGCC         13014         AGGAUCGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGACA           4815         UUGACACA G UAGGGC         13015         UACUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUCAA           4809         CAGUNGGG         GACCCAUA GGAGGAAACUCCCUUCAAGGACAUCGGCGG GCGGCAG           4800         CAGGCCCA G UAGGGCC         13017         CGCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGGG CCGGCCAG           4800         CAGGCCCUC         13018         GACCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGGCGG CCCUGGA           4800         UCCAGGCG         GGAGGAGAACUCCCUUCAAGGACAUCGGG CCCUGGA           4800         UCCAGGCG         GGAGGAGAAACUCCCUUCAAGGACAUCGGG CCCUGGA           4800         UCCAGGCG         GGAGGAGG         GGAGGAGAACUCCCUUCAAGGACAUCGGG CCCUGGA           4800         UCCAGGCG         GGAGGAGG         GGAGGAGAACUCCCUUCAAGGACAUCGGG CCCUGGA           4800         UCCAGGCG         GGAGGAGG         GGAGGAGAACUCCCUUCAAGGACAUCCGGG CCCUGGA           4781         UCCUCUC         GGCCUCUC         13021         AGGAGCCG GGAGGAAACUCCCCUUCAAGGACAUCCGGG CCCUGGA           4762	6163	4867	O	13011	GGAAAUUG		35296
4848         GGUCCUCC G UAACAAAG         13013         CUUUGUUA GGAGGAAACUCCCUUCAAGGACAUCGGG GGAGGACC           4840         GUNACAAA G UCGAUCCU         13014         AGGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGGG UUUGUUAC           4821         UUGAACACU         13015         UACUGGGG GGAGGAAACUCCCUUCAAGGACAUCGGCGG GUUGGCGG           4815         CUGCCCCA         UAUGGGGC         GAGGCCAUA         GAGGCCAUA         GAGGGCAAACUCCCUUCAAGGACAUCGGCCGGG GGAGGCG           4803         CAGUNGG         UCCAGGG         13017         CGCCUGGA         GAGGGCC         GAGGGCAAACUCCCUUCAAGGACAUCGGC         CCAUACUG           4803         GGGCCCUC         13019         GAGGGCC         GAGGGCAAACUCCCUUCAAGGACAUCGUCCGG         CCAUACUG           4804         UCCAGGC         GAGGCCG         GAGGGCAAACUCCCUUCAAGGACAUCGUCCGG         CCGUGGA           4805         UCCAGGC         GAGGCCG         GAGGGCAAACUCCCUUCAAGGACAUCGGC         CCGUGGA           4701         UCCAGGC         GAGGCCG         GAGGGCAAACUCCCUUCAAGGACAUCGGC         CCCUGGA           4701         UCCUUUU         UUGAUGCC         UUGAGGAAACUCCCUUCAAGGACAUCGGC         CCCUGGA           4702         UCCUUU         UUGAAAGGC         GAGGAGCCG         GAGGGCCG         GAGGGCCG           4702         UCCUUU         UUGAAAGGC         G	6175	4855	Ф	13012	ACGGAGGA		35297
4840         GURANCRAR G UCGAUCCU         13014         AGGAUCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUUAC           4821         UUGACACU G CCCCAGUA         13015         UACUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAG           4815         CUGCCCCA G UAUGGGUC         13016         GACCCAUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGCAG           4809         CAGUNUGG         CCCUGGA         GGAGGCCC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGA           4809         CAGUNUGG         GCGCCUC         13018         GAGGGCCG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGA           4800         UCCAGGCG         GGAGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGA           4800         UCCAGGCG         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGA           4701         CCCUCUCC         13019         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUGGA           4701         UCCAUUCA         13021         AGGAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUUGA           4702         UCCAUUCA         13021         AGGAGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUUGA           4703         UCCAUUU         13022         AAAAGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCCUUUGA           4703         CUCCUUU	6182	4848	O	13013	CUUUGUUA		35298
4821         UUGACACU G CCCCAGUA         13015         UACUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGG AGUGUCAA           4815         CUGCCCCA G UAUGGGUC         13016         GACCCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG UGGGCGG           4809         CAGUNUGG G UCCAGGG         13017         CGCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUACUG           4800         UCCAGGCG         GAGGCCG         GGAGGCAAACUCCCUUCAAGGACAUCGUCCGGG CUGGACCUUCAAGGACAUCGUCCGGG CGCCUGGA           4800         UCCAGGCG         GGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUGGA           4791         CCCUCUC         13019         GGAGGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUGGA           4781         UCCAGGCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG CGCCUUCAAGGACAUCGUCCGGG AGAUCGUCCGGG AGAUCGUCCGGG AGAUCCCUUCAAGGACAUCGUCCGGG AGAUCCCUUCAAGGACAUCGUCCGGG AGAUCCCUUCAAGGACAUCGUCCGGG ACCAUUGA           4769         CUCCUUUU         13022         AAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGA           4766         CUCCUUUU         13022         AAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGA           4766         CUCCUUUU         UUGGCAUA         GGAGCCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGA           4766         CUCCUUUU         UUGGCAUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUCAAGGACAUCGGG ACCAUUCAAGGACAUCGGG ACCAUUC	6190	4840	Ö	13014	AGGAUCGA		35299
4815         CUGCCCCA G UAUGGGUC         13016         GACCCAUA GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGCAG           4809         CAGUNUGG G UCCAGGG         13017         CGCCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGACCC           4803         GGGUCCAG G CGGCCCUC         13018         GAGGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGACCC           4800         UCCAGGCG G CCCUCUC         13019         GGAGGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUUGAA           4791         CCCUCUCC G CUCAUCAA         13020         UUGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCUUGAA           4781         UCAAAACC G CUCCUUU         13021         AGGAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUUUGAA           4784         UCAAAACC G CUCCUUU         13022         AAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUUUGAAGGACAUCGUCCGGG CGCUUUGAAGGACAUCGUCCGGG AAAAGGAG CCUUUGAAGGACAUCGUCCGGG AACAAACUCCCUUCAAGGACAUCGUCCGGG AACAAACUCGUCCGGG AACAAACUCCCUUCAAGGACAUCGUCCGGG AACAAACACCCUUCAAGGACAUCGUCCGGG AACAAACACAAACAACAACAACAACAACAACAACAACAA	6209	4821	O	13015	UACUGGGG		35300
4809         CAGUNUGG         USCAGGG         13017         CGCCUGGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCAUACUG           4803         GGGUCCAG         GGGCCCUC         13018         GAGGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CUCGUCCC           4791         CCCUCUCC         GUCAUCCAA         13020         UUGANUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCUCUCA           4781         UCANUCAAA         GCGCUCCU         13021         AAGAGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GUUGAAGG           4778         UCANUCAAA         GCGCUCCU         13022         AAAAGGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCUUUGA           4769         CUCCUUUU         GUGGUAACCCUUCAAGGACAUCGUCCGGG         AAAAGGAG         GAAGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAGGAG           4766         CUCCUUUU         GUGGUAACCA         13023         GCAUACAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAGAGA           4766         CUUUGUU         UUGGCAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACAAAAC           4766         CUUUGUU         UUGGCAAAA         13024         UUGGCAUA         GGAGGAAACUCCCUUCAAGGACAUCGGG         AACAAAACAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	6215	4815	O	13016	GACCCAUA	- 1	35301
4803         GGGUCCAG         GGGCCCUC         13018         GAGGGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CUCCUGGA           4800         UCCAGGCG         GCGAGGAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGCUUGGA           4791         CCCUCUCC         CCUCUCC         13020         UUGAUGGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCUUGA         4778         UCAAAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCCUUUGA         GCCUUUGA         GCCUUUGA         GCCUUUGA         GCCUUUGA         GCCUUUGA         GCCUUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAGGAG         GCCUUUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAGGAG         AAAAGGAG         GCUUUGA         GCCUUUGA         GCCUUUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAGGAG         AAAAAGGAG         GCUUUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         AACAAAAAC         ACAAAAAC         AAAAAAACAACAAAAAAAAAAAAAAAAAAAAAAAAAA	6221	4809	CAGUAUGG G UCCAGGCG	13017	CGCCUGGA		35302
4800         UCCAGGGG         GCGAGAGGG         GGAGAAGGG         GGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CGCCUCGGG         CGCCUCGAG         CGCCUCCAAGGG         CGAGAGGG         CGAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UUGAAGGG         CGCUUUGA         CGCUUUGAAGGACAUCGUCCGGG         CGCUUUGA         CGCUUUGA         CGCUUUGA         CGCUUUGA         CGCUUUGAAGGACAUCGUCCGGG         AAAAGGAG         CGCUUUGA         CGCUUUGAAGGACAUCGUCCGGG         AAAAAGGAG         AAAAAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAAGAG         AAAAAAGAGA         AAAAAAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA	6227	4803	GGGUCCAG G CGGCCCUC	13018	GAGGGCCG		35303
4791         CCCUCUCC G CUCAUCAA         13020         UUGAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAGGG           4781         UCAUCAAA G CGGCUCCU         13021         AGGAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGAAGGACACUCCUUCAAGGACAUCGUCCGGG CGCUUUGA           4769         CUCCUUUU G UUGUAUGC         13023         GCAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAG           4766         CUUUUGUU G UUGUAUGC         13024         UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG           4767         CUUUUGUU G UUGUAUGC         13024         UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG           4766         CUUUUGUU G UUGUAUGC         13024         UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG           4767         UGUUGAAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAAAAAAA	6230	4800	UCCAGGCG G CCCUCUCC	13019	GGAGAGGG		35304
4781 UCAUCHAA G CGGCUCCU 13021 AGGAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUUGAUGAA 4778 UCAAAGGG G CUCCUUUU 13022 AAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CGCUUUGA 4756 CUCCUUUU G UUGUAUGC 13023 GCAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAAAGGAG 4766 CUUUUGUU G UUGUAUGCAA 13024 UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AACAAAGG 4762 UGUUGUUU G UAUGCCAA 13024 UUGGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AACAAAAG 4754 GCCAAAGGG 13025 CCCUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAACA 4754 GCCAAAGGG 13025 CUUUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAACA 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUUUGG 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	6239	4791	Ð	13020	UUGAUGAG	1	35305
4778         UCAAAGCG G CUCCUUUU         13022         AAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUUUGA           4769         CUCCUUUU G UUGUAUGC         13023         GCAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGG           4762         CUUUUGUU G UAUGCCAA         13024         UUGGCAUA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG           4762         UGUUGUAU G CCAAAGGG         13025         CCCUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAACA           4754         GCCAAAGGG         13025         UUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGGC           4752         CAAAGGGU G UGGAAAAC         13026         GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUUUGGC	6249	4781	AA G	13021	AGGAGCCG		35306
4769 CUCCUUUU G UUGUAUGC 13023 GCAUACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAGGAG 4762 CUUUUGUU G UAUGCCAA 13024 UUGGCAUA GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAAG 4754 GCCAAAGG G UGUGGAAA 13025 CCCUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUACAACA 4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CCUUUGGC 4752 CAAAGGGU G UGGAAAAC 13026 GUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUGGC 4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	6252	4778	o	13022	AAAAGGAG		35307
4766     CUUUUGUU G UAUGCCAA     13024     UUGGCAUA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAAGG       4762     UGUUGUAU G CCAAAAGGG     13025     CCCUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUACAACA       4754     GCCAAAGG G UGUGGAAA     13026     UUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AUACAACA       4752     CAAAGGGU G UGGAAAAC     13026     GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUGGC	6261	4769	ប	13023	GCAUACAA		35308
4762         UGUUGUAU G CCAAAGGG         13025         CCCUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAACA           4754         GCCAAAGG G UGUGGAAA         13026         UUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGGC           4752         CAAAGGGU G UGGAAAAC         13027         GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUGG	6264	4766	E G	13024	UUGGCAUA		35309
4754 GCCAAAGG G UGUGGAAA 13026 UUUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUUGGC 3	6268	4762	NU G	13025	cccnnnea		35310
4752 CAAAGGGU G UGGAAAAC 13027 GUUUUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG 3	6276	4754	ប	13026	UUUCCACA		35311
	6278	4752	DE 0	13027	GUUUUCCA		35312

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Table	

6302	4728	ACCAUCAC G CCCGCUCC	13028	GGAGCGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGGU	35313
6306	4724	0	13029	1	35314
6312	4718	CCGCUCCU G CUUGAUAA	13030	UUAUCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGCGG	35315
6323	4707	UGAUAACU G CCGAGCAG	13031	CUGCUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUAUCA	35316
6328	4702	ACUGCCGA G CAGCCCAC	13032	GUGGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGCAGU	35317
6331	4699	GCCGAGCA G CCCACGAG	13033	CUCGUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCGGC	35318
6339	4691	GCCCACGA G UCAUGAUC	13034	GAUCAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGGGC	35319
6350	4680	AUGAUCCU G UAGACGCC	13035	GECGUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAUCAU	35320
6356	4674	CUGUAGAC G CCGGUGGU	13036	ACCACCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUACAG	35321
6360	4670	AGACGCCG G UGGUCGUG	13037	CACGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCGUCU	35322
6363	4667	cecceene e ncenencc	13038	GGACACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCGGCG	35323
9969	4664	ceangenc e nencecec	13039	GGGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCACCG	35324
6368	4662	augancan a ucccccuu	13040	AAGGGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGACCAC	35325
6380	4650	CCCUTUTU G DACUCCUT	13041	AAGGAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAGGG	35326
6391	4639	CUCCUUUG G UGAGGGAG	13042	CUCCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAGGAG	35327
6339	4631	GUGAGGGA G UGUCCCAC	13043	GUGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCUCAC	35328
6401	4629	GAGGGAGU G UCCCACAA	13044	UNGUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCCUC	35329
6413	4617	CACAACAC G CCUCCUCU	13045		35330
6426	4604	CUCUCUUU G UGUAUUGG	13046	. 1	35331
6428	4602	B	13047	- 1	35332
6438	4592	AUUGGAGA G UUAUCCAA	13048	- 1	35333
6463	4567	UACUGAGG G CAAGAUUG	13049	- 1	35334
6471	4559	Ð	13050	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35335
6480	4550	ссследен в пепледел	13051	- 1	35336
6482	4548	CAGGGGGU G UACGCACU	13052	AGUGCGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCCCUG	35337
6486	4544	GGGUGUAC G CACUAAUC	13053	GAUUAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUACACCC	35338
6495	4535	CACUAAUC G CGAGACAG	13054	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35339
6514	4516		13055	- 1	35340
6532	4498		13056	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35341
6534	4496	uccaageu e cuccugga	13057	- 1	35342
6553	4477	AUUCAUGA G CUGGAAGU	13058	ACUUCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGAAU	35343
6560	4470	B	13059	- 1	35344
6577	4453	ט	13060	AUGUGCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUGAUGAU	35345
6580	4450	ט	13061		35346
9659	4434	ACUCUUUC & CUCGAGCC	13062	GCCUCGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAAAGAGU	35347
6602	4428	ucecucea e ccuenaau	13063	AUDACAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCGAGCGA	35348
9099	4424	UCGAGCCU G UAAUUUCU	13064	AGAAAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCGA	35349
6615	4415	O	13065	- 1	35350
6635	4395	D D	13066		35351
6639	4391	AAAUGUCC G CCGUUCUC	13067	GAGAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACAUUU	35352
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6642	4388	uguccecc a uucucuca	13068	UGAGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA	35353
6999	4367	Ø	13069	GAAAUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUAUGU	35354
6687	4343	UCACGAAA G CAGCAAAC	13070	GUUUGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCGUGA	35355
0699	4340	CENTAGEN G CANACAUG	13071	CAUGUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUUUCG	35356
6700	4330	AAACAUGA G CCCCGCGA	13072	UCGCGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCAUGUUU	35357
6705	4325	ט	13073	GACUAUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCUCA	35358
6711	4319	CCGCGAUA G UCAUUGGA	13074	UCCAAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCGCGG	35359
6723	4307	UUGGAAUG G CCAUGGAG	13075	CUCCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCAA	35360
6731	4299	Ø	13076	GACAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAUGGC	35361
6737	4293	GAGUCAAU G UCAAGCUC	13077	GAGCUUGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUUGACUC	35362
6742	4288	AAUGUCAA G CUCUGCCA	13078	UGGCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGACAUU	35363
6747	4283	CAAGCUCU G CCAGCCCU	13079	AGGGCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCUUG	35364
6751	4279		13080	UCGGAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCAGAG	35365
6765	4265	Ö	13081	AAUGUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGUCG	35366
9249	4254	AACAUUAG G CCGACAGC	13082	GCUGUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAUGUU	35367
6783	4247	GGCCGACA G CUGUCAUC	13083	GAUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCGGCC	35368
6786	4244	O	13084	AGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGUCG	35369
6798	4232	UCACUUCA G UUGCGGGC	13085	GCCCGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGUGA	35370
6801	4229	ט	13086	AUGGCCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUGAAG	35371
6805	4225	9 G	13087	GCGGAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCAACU	35372
6812	4218	GGCCAUCC G CGUUUACG	13088	CGUAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGGCC	35373
6814	4216		13089	ACCGUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAUGG	35374
6821	4209	ø	13090	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35375
6834	4196	Ø	13091	ACUGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUGAUC	35376
6841	4189	Ø	13092	CUGCUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGCA	35377
6846	4184	UCAGUCCA G CAGCAAGG	13093	ccuuecua gaagaaacucccuucaagaacaucguccego ugaacuga	35378
6849	4181	D D	13094	GAUCCUUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCUGGAC	35379
6863	4167	O	13095	CUUUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAUGAU	35380
6871	4159	0 4	13096	- 1	35381
6876	4154	0	13097	AGCCUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGACUUU	35382
6882	4148	O	13098	GGCUCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAACAG	35383
6888	4142	Ð	13099	AUGCUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCUAGCCU	35384
6893	4137	P G	13100	CUGCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCUCU	35385
6898	4132	CAAGCAUA G CAGACTUG	13101	CAAGUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCUUG	35386
9069	4124	D G	13102	GAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCUGC	35387
6921	4109	O	13103	UGCAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAGA	35388
6924	4106	0	13104	GAGUGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAAAAA	35389
6927	4103	O	13105	GAGGAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCAA	35390
6950	4080		13106	AUAGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUCAG	35391
6953	4077	AUCAAGCU G CCUAUUCC	13107	GGAAUAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUGAU	35392

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G UGUACCAC 13147

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7279	3751	٥	13148	GGAGGAAACUCCUUCAAGGACAUCGUCCGGG	33433
7286	3744	UGUACCAC G UCUCCUCC	13149	- 1	35434
7308	3722	UAGAUUCU G CGAAAGCU	13150	1	35435
7314	3716	CUGCGAAA G CUGCCCCC	13151	GGGGGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUCGCAG	35436
7317	3713	CGAAAGCU G CCCCCACC	13152	GEUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUCG	35437
7337	3693	AUGACAUA G CGUAACAC	13153		35438
7339	3691	GACAUAGC G UAACACAU	13154		35439
7350	3680	ACACAUCA G UGUAAGUA	13155		35440
7352	3678	ACAUCAGU G UAAGUAAU	13156	AUUACUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGAUGU	35441
7356	3674	CAGUGUAA G UAAUGCCC	13157	GGGCAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACACUG	35442
7361	3669	UAAGUAAU G CCCCCAAA	13158	UUUGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUACUUA	35443
7381	3649	CAGGACUA G CAGAGCAA	13159	UUGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UAGUCCUG	35444
7386	3644	CUAGCAGA G CAAUCAGU	13160	ACUGATUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUGCUAG	35445
7393	3637	AGCAAUCA G UAUAGCUG	13161		35446
7398	3632	UCAGUAUA G CUGGCAUG	13162	CAUGCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUACUGA	35447
7402	3628	UAUAGCUG G CAUGCUGA	13163	1	35448
7406	3624	GCUGGCAU G CUGAUCUU	13164	AAGAUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCCAGC	35449
7416	3614	UGAUCTUG G CUGUCCAC	13165	1 1	35450
7419	3611	ucuuggcu g uccaccuc	13166	GAGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAAGA	35451
7430	3600	CACCUCUU G CGAAGGAC	13167		35452
7446	3584	CCUCCUGG G UGGCCAAG	13168		35453
7449	3581	CCUGGGUG G CCAAGAAC	13169	GUUCUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCAGG	35454
7469	3561	ACCAGAAG G CCCAACUG	13170		35455
7484	3546	UGAAAAGG G UCAAUCAU	13171		35456
7497	3533	UCAUAUCA G CAUUAUAA	13172	UNAUDAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUAUGA	35457
7506	3524	CAUDAUAA G CAUUCACU	13173	AGUGAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUAAUG	35458
7516	3514	AUUCACUU G UGACUGCA	13174	1	35459
7522	3508	UUGUGACU G CACGAGGG	13175		35460
7530	3500	GCACGAGG G UCUUUCA	13176		35461
7543	3487	UUCAUCAU G UCUCUGUG	13177	CACAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUGAA	35462
7549	3481	AUGUCUCU G UGGUCUGA	13178	UCAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACAU	35463
7552	3478	UCUCUGUG G UCUGAUCU	13179		35464
7577	3453	UNCCAACA G CCGCUGUC	13180	GACAGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUA	35465
7580	3450	Ø	13181		35466
7583	3447	CAGCCGCU G UCAGUUUG	13182	CAAACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCUG	35467
7587	3443	CGCUGUCA G UUUGGUAG	13183	CUACCAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAGCG	35468
7592	3438	UCAGUIUG G UAGCGCAG	13184	CUGCGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAACUGA	35469
7595	3435	GUUUGGUA G CGCAGUGG	13185	ccacuece eeaeeaaacucccuucaaeeacauceucceee uaccaaac	35470
7597	3433	ungguage e caeuceus	13186	ı	35471
7600	3430	GUAGCGCA G UGGUGGUA	13187	UACCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGCUAC	35472
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Table XII

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3124   CARGODIAGO G UBAGGIOCO   131199   GCACCUUID GGAGGBAACUCCCUUCAAGGACAUCGUCCGGG DACCACUG   3417   GGAGGIORG GGAGGAACUCCUCCAGGG ACCUTACC   3417   GGAGGIORG GGAGGAACUCCUCCAGGG ACCUTACC   3417   GGAGGIORG GGAGGAACUCCUCCAGGGA ACCUTACC   3418   GGAGGIORG GGAGGAACUCCCUCCAGGGAACUCGUCCGGG ACCUTACC   3418   CACACUCCCC   1319   GGAGGIORG GGAGGAACUCCCUCCAGGAACUCGUCCGGG ACCUTACC   3418   CACACUCCC   1319   GGAGGAACUCCCCUCCAGGACAUCGUCCGGG ACCUTACC   3418   AAGGAGGAACUCGUCCCUCCAGGAACUCGUCCGGG ACCUTACAGGACAUCGUCCCGGG ACCUTACAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCCUCCAGGACACCCCCUCCAGGACACCCCUCCAGGACACCCCUCCAGGACACCCCCUCCAGGACACCCCCCCC	7603	3427	GCGCAGUG G UGGUAAGG	13188	CCUUACCA GGAGGAAACUCCCUI	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCGC	3000	35473
	2092	3424	9 9	13189		1	ACUG	35474
	1611	3419	O	13190		1	$\vdash$	35475
	7613	3417	0 0	13191			JACC	35476
34.00         CADOLOGO B CAGOLOGO         13133         UGRUDIGORO G GAGORACHUCCOUTCAAGGACAUCGUCGGG AGANGA           33.95         ACCOMUCU G UGUCGUGU         13134         GADUIGGUG GAGAGAAACUCCCUUCAAGGACAUCGUCGGG GAAAGU           33.91         ACCOANCU G UGUCGUG         13154         GADUIGGUG GAGGAAACUCCCUUCAAGGACAUCGUCGGG GAAAGU           33.71         UCUCUUGU         13159         CACCACCA GAGGAAACUCCCUUCAAGGACAUCGUCGGG GAGAGACU           33.72         UCUCUUGU         13159         CACCACCA GAGGAAAACUCCCUUCAAGGACAUCGUCGGG GAGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGG           33.73         UCUCUUGU         13159         CACCACCA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGG           33.66         GUUCGGG         13200         CACCACCA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGG           33.67         UCUCAGUG         13201         ACCUCGCA GAGGGAAACUCCCUUCAAGGACAUCGUCGGG CACCAGGACACACACAGGACACACAGGACACACAC	7616	3414		13192		1	ະຕຸນນ	35477
3466         CUCCUGGA G PACADAR         31314         GABUGGGGA ABACUCCUUCAAGGACAUCGUCCGGG GGAAGGA           3335         ACCANUCU G UNAUCAAC         13154         GAUGGGGA AACUCGUCCGGG GGAAGACUCCUUCAAGGACAUCGUCCGGG GGAAGGA           3381         ACCONUCU G UGUCCGGA         13156         GACAGGAGA         GAGGACAACUCGUCCGGG GGAACACUCGUCCGGG           3374         CECUCUCU G UGGCGCGA         13159         CACCACCCA         GGAGGAAACUCCCUCCAAGGACAUCGUCCGGG         GGAGGAACUCGUCCGGG           3374         CUCUCGGG         GUGGCGCGA         13199         CACCACCCA         GGAGGAAACUCCCUCCAAGGACAUCGUCCGGG         GAGGACACACACGG           3366         GUGGGGGG         1320         CACCACCA         GGAGGAACUCCCUCCAAGGACACACCGGGG         ACCACCACAGG           3366         GUGGGGGG         1320         GCCACCCA         GGAGGAACCCCCUCCAAGGACACACCCGGGG         ACCACCACAGGG         ACCACCACGGGGGGGGACACACCCCUCCAAGGACACACCCCCCCC	7622	3408	1 1	13193			3CUG	35478
33955         ACCADANCH G UNNICAM         13195         GUUGGABAR GRAGGAAACUCCUUCAAGGACAUCGUCCGGG AGANUGGU           33191         AACUTUUCG G CUCUCUGU         13196         ACCAGAGAG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAAGAGAG           3317         CUCUCUGU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GAGGACAACUCGUCCGGG         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACA         GAGGAAACUCCUUCAAGGACAUCGUCCGGG         CACACACA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA         GAGGAAACUCCCUUCAAGGACACUCCUUCAAGGACACACCCUCCAACACACAC	7625	3405		13194			3GAG	35479
3311   AGCUUDUCO G CUCUCUCUO   13196   ACAGORAA CUCCCUUCAAGGACAUCGUCCGGG GGAAAGUU   3374   COCCUUCUO G GUGGGGAA   3374   COCCUUCUO G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAGA   3374   COCCUUCUO G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGA   3374   COCCUUCUO G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGA   3366   COGGGGGG G GCACACAGA   3366   COGGGGGG G GGGGGGGGGGGGGGGGGGGGGGGGGG	7635	3395		13195			ງເອເນ	35480
3374         COCCUROUD O UDGUGGUO         13197         CACCACCA GARGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGG           3371         UCUCUGGUO         GUGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGG           3378         CUGGAGUO         1319         CACCUCGA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           3366         CUGGAGUO         GUCCACUCG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACAG           3366         CUGGAGUO         1320         GCCACUCG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           3366         CUGGAGUO         1320         ACCUGCCA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           336         UGGAGUC         1320         ACCUGGAA         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           337         AGUGGAGA         1320         ACCUGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           338         AGUGGAGA         1320         AGCGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           338         AGUGCACACA         1320         AGUGGAAACUCCCUUCAAGGACAUCGUCCGGG         CACACACACA           338         AGUGCACACA         1320         AGUGAGAAACUCCCUUCAAGGACAUCGUCCGGG         CACCACACA           338         AGUCCACACA         1320         AGUGACACA         GAGGGAAACUCCCUUCAAGGACACACCGGG         <	7649	3381	ø	13196			AGUU	35481
1371   UTUCURGUE G UGGARGAA   13198   UCGCACCA GGAGGAAACUCCCUUCAAGGACAUCGGUCCGGG CACCACAG   3366   GUGGUGGU G UGGARGGG 13200   GCCUCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCACAG   3366   GUGGUGGU G UGCACGGU   13200   GCCUCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACACA   3356   UGCAGGG G UGCCACG   13201   ACCUGCCA GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG ACCACACA   3355   AGUGGCAC G UGCCACG   13202   ACCUGCCA GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG CACUCGCA   3346   GGUCCACG G UGCCACG   13203   ACCCUGCA GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG CACUCGCA   3346   GGUCCACG G UGCCACG   13203   ACCCUGGA GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG CACUCGCA   3346   GGUCCACG G UGCCACG   13206   GGAGGACA CUCCCUUCAAGGACACUCGUCCGGG CACUCGCA   3346   GGUCCACG G UGCCCACG   13206   GGAGGACA ACCCCUUCAAGGACACUCGUCCGGG CACUCGCA   3346   GGAGGACC G UGCCCACG   13206   GGAGGACA ACCCCUUCAAGGACACUCGUCCGGG CACUCGAC   3346   GGAGGACC G UGCCCCAC   13206   GGAGGACA ACCCCUUCAAGGACACUCGUCCGGG CACUCGAC   3356   CGCUCCACG G UGCCCCAC   13206   GGAGGACA ACCCCUUCAAGGACACUCGUCCGGG CACUCGAC   3370   UGCCGGCA G UCCCCGCA   13206   AGGGACAACUCCCUUCAAGGACACUCGUCCGGG GUCCACCA   3370   GGGGACCA G UCCCCGCA   13206   AGGGACAACUCCCUUCAAGGACACUCGUCCGGG GUCCACCA   3371   UGACGGAC G UCCCGCA   13210   ACCGGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACCA   3372   UGCCGGCA G UAUCCGCA   13210   ACCGGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGA   3281   UGCCGGCA G UAUCCGA   13211   GAUTACUG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGA   3281   UGCCGGCA G UAUCCGA   13211   GAUTACUG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGA   3281   UGCCGGCA G UAUCCGA   13211   GACGAAAG GGAGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGA   3281   UCUCACGA G UAUCCGA   13212   GAGGGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGGGA   13212   GAGGAGAAACUCCCUUCAAGGACACUCGUCCGGG GUCCACGGGAAACCACCCUUCAAGGACACACGACCACGGAAACACACCCUUCAAGGACACACCCUUCAAGGACACACCCUUCAAGGACACACCCUUCAAGGACACACCCUUCAAGGACACACCCUUCAAGACACACCCUUCAAGACACCCUUCAAGACACACCCUUCAAGACACACCCUUCAAGACACACCCUUCAAGACACACCCACGACACACAC	7656	3374	O	13197			AGCG	35482
33.68         CURDUGGUE GENGUAGUE         13.199         CARUCICGA GENGGARAAUCCCUUCAAGGACAUCGUCCGGG CACCACCA           33.66         GURGUGGU G GENGUGGA         13.201         ACCUCGCC GENGGARAAUCCCUUCAAGGACAUCGUCCGGG CACCACCA           33.62         UGGUGGUA G UGGCGCCA         13.201         ACCUCGCCA         GAGGGARAAUCCCUUCAAGGACAUCGUCCGGG CACUCGCACA           33.65         UGGUGGUA G UGGCGCA         13.203         ACCCGUGGA AGGAGAAACUCCCUUCAAGGACAUCGUCCGGGG CACUCGCA           33.46         UGCACCAGA         13.203         ACCGUGGA AGGAGAAACUCCCUUCAAGGACAUCGUCCGCGGG CACUCGCACA           33.47         UGCACCAGA         13.204         UGGGGACA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGCGGG CACGAGGAACACCGUCCGCGGG CACGAGAACACCCCUUCAAGGACACACGUCCCUCCAAGGACACACGUCCGCCACGGG CACGAGAACACCCCUUCAAGGACACACGUCCGCGGG CACGAGAACACCCCUUCAAGGACACACGUCCGCACGGG CACGAGAACACCCCUUCAAGGACACACCGUCCACGGG CACGAGAACACCCCUUCAAGGACACACCCCCCCACGGG CACGAGAACACCCCUUCAAGGACACACCCCUCCAAGGACACACCCCCACGGG CACGAGAACACCCCUUCAAGGACACACCCCCCACGAGAACACCCCCUUCAACACACAC	7659	3371	G	13198				35483
33166   GUIGGUEGAG G UGGAGGAGA ACCCCUUCAAGGACAUCCCUCCAGG ACCACACACACAGGACAUCGUCCGGG ACCACACACAGGACAUCGUCCGGG ACCACACACAGGACAUCGUCCGGG ACCACACAGGAGGACAUCGUCCGGG ACCACACAGGAGGACAUCGUCCGGG CACUCGCAGGAGGAGGACAUCCCUUCAAGGACAUCGUCCGGG CACUCGCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCGCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCGCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCACCAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGAACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGAACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGAACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGAACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAGAACAGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAGAACACCCCUCCAAGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAACACCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACACCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAAGAAAACCCCCUCCAACAAAAAACCCCCUCCAACAAAAAACCCCCUCCAACAA	7662	3368	O	13199		1	ACAG	35484
13152   UBGURGCAR G LUGGAGGGA     13159   UBGGAGGAGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCCGACA     13159   UBGCAGGG G CAGGACCAC     13159   UBGGAGGAG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCCGCACU     13154   GGUCCACG G UCCAACGG     1316   GCGCACGG G UCCCACGG     1316   UGCGGACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCCACU     1316   UCCCACGG G UCCCACGG     1317   UGCGGACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCACC     1317   CGGGUGCC G CACUCCACU     1317   CGGGGACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCACC     1318   GCCCACGG G UCCCACG     1310   GCGGGACA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCACC     1310   GCGCACG G UCCCACG G UCCCACG G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCACG     1310   GCCCACGG G UCCCACG G UACCCGC G UACCGGC G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCACC     1310   GCCCACGG G UACCCG G UACCCG G UACCGGC G UACCGCG G UACCGGC G UACCGG G UACCGGC G UACCGG G UACCGG G CACGGACA G UACCGGC G UACCGG G CACGGACA G UACCGGC G UACCGG G CACGGACA G UACCGG G CACGGACA G UACCGGC G UACCGG G CACGGACA G UACCGGC G CACGGAC G UACCGG G CACGGAC G	7664	3366	ย	13200			CAC	35485
3359         UBCGARGUU G CARGEUCCA         13202         UGGARGARA CUCCCUUCAAGGARACAUCCUCCAGCCGGG         CACCUGGAR           3355         AGUGGCAG         GUCCACGGU         13203         ACCGUGGAC         GGAGGARACUCCCUUCAAGGACAUCGUCCGGG         CGGCCCCUC           3346         UCCACGGG         13204         ACCGGGGAC         GGAGGARACUCCCUUCAAGGACUCGUCCGGG         CGGCGGC           3346         UCCACGGG         13205         GCGGGGAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGGCGGG           3346         UCCACGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CGGCGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA           3359         UGCCCGCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA           3370         UGACCGUA         13201         AGGGAGAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA           3380         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA           3310         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGCGCGG         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGACA           3320         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGCCGGG         GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGGGGCGCGG         GGGGCCGGG         GGGGGCGGG         GGGGGGAGAACU	7668	3362	Ð	13201			ACCA	35486
3315   AUUGGACGG G UCCAACGGG   13203   ACCGGGGAAACUCCCUUCAAGGACAUCGGCCGGG CGGGGACCCCGGG CGGCGCGGG   CCAACGGGGA   CCAACGGGGA   CCAACGGG G UGCCGCACG G UGCCGCACG G UGCCGCACG G UGCCGCACG G UCCCGCACG G UCCCGCACG G UCCCGCACG G UCCCGCACG G UCCCGCACG G UCCCGCACG G UCCCCCCG G UCCCCCCC   13205   GAAGCCUG GGAGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCGGGA   CCACACGGGA G CCACACGGG G UACCCCCC   13206   GAAGCCUG GGAGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13207   AGUGGAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13207   AGUGGAGA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13207   AGUGGAGA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGA   13207   AGUGGAGAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13207   AGUGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13207   AGUGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13207   AGUGGAGAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13207   AGUGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   AGAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   AGAGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   CCCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   CCCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   AGAGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAGAC   13208   ACCAAACA   GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAC   13208   ACCACAACA   GAAGGAAACCCCUUCAAGACACACCCUUCAAGACACACCCCUUCAACACA   ACCACACACA   13208   ACCAC	1691	3359	9 9	13202			GCA	35487
3346   GOUCCACG G UGUCCACC   13204   UGCGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGGACC   1346   UCCACGGGG G CGUCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCACGG   1342   CGGGUGUC   13205   GAUGCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCACGG   1339   UGUCCGCG G CGCGUCC   13206   GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA   1320   AGUGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA   1320   GAGGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGACA   1320   GAGGACACCCUUCAAGGACAUCGUCCGGG GGCGGACA   1320   GAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCGGACA   1320   GAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1320   GAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1320   GAGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1321   GAUGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1321   GAUGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1321   GAUGACGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCCCGG   1321   GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   1321   GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   1321   GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   1321   GACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   1321   GACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUAGA   1321   GACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUAGA   1321   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUAGA   1321   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGAAACCCCUUCAAGGACAUCGUCCGGG CGGUAGA   1322   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACA   1322   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACACA   1322   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACA   1322   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACA   1322   ACCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACA   1322   ACCAAAA GGAGGAAACCCCUUCAAGGACAUCGUCCGGG AAACCACACAG GAGGGAAACCCCUUCAAGGACAUCGUCCGGG AAACCACACA   1322   ACCAAACA GGAGGAAACCCCUUCAAGGACAUCGUCCGGG AAACCACACA   1322   ACCAAACA GGAGGAAACCCCUUCAAGGACAUCGUCCCGGG CACGGAACA   1322   ACCACACAGG GGAGGAACA CCCUUCAAAAA GGAGGAAACCCCUUCAAAAA CACACACA   1322   ACCACACACA GGAGGAACACCCCUU	1675	3355	Ð	13203			CACU	35488
3346   UCCACCEDE O DUCCICAGO   13205   GCUGGGGA ACCCUUCAAGGACAUCGUCCGGG ACCGUGGA   13412   CGGUGGUC   13206   GAGAGCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13214   CAUGUCGCA   CUCUCAGO   CUCAACCC   CUCAAGO   CUCAACC   CUCAAGO   CUCAACC   CUCAAGO   CUCAACC   CUCAAGO   CUCAACC   CUCAAGO   CUCAACC   CUCAAGO   CUCAAGO   CUCAACC   CUCAAGO	7682	3348	b	13204				35489
33142   CGGGUGUCC G CAGCUCCC   13206   GAGAGGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACACCG   13219   AGUGGACA G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGGACA   13209   AGUGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGGA   13209   AGGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGAGGA   13209   AGGAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGACCCC   13217   UGACCGUA G UACCGGA G UACGGACA   13212   CCCCAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCCGG G UCCCAGGA G UAAUCGA G CACUAAUC   13211   GAGAACUC G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCCCAGGA C CCUUCAAG G CCUUCAAA GAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGGAC C CUUCAAAACCC G CCUUCAUG G UCUCCAAG 13218   ACCACAAAA GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC 3254   GAUCUCUUCA G UCUCCAAG 13220   CCUGGAGA AACCCCCUUCAAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG AAAACCC 3254   GAUCUCUUCA G UCUCCAAG 13220   CCUGGAGA AACCCCCUUCAAGGACAUCGUCCCGGG AAAACCC 13211   GUCCCCAGA G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC 13211   GUCCCCAGA G GAGGAAAACUCCCUUCAAGGACAUCGUCCGGG GAGGACAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGA AACCCC G CCUUCAGA GAGGAAAACUCCCUUCAAGGACAUCGGCCGGG AAAAACCC 13211   GUCCCCAGA GAGGAAAACUCCCUUCAAGGACACUCGGG CAGGGAGAAACUCCCUUCAAGGACAACCCCGGG CAGGGGA G CCUCGGA G CCUCGGA G CCUCGGA G CCUCGGA G CCCUGGAGA GAGGGAAAACUCCCUUCAAGGACAACCCCGGG G CCCUGGAGA G CCCUCGGA G CCCUCGGA G CCCCGGAGA G CCCCGGGAGA G C	7684	3346	O	13205			JGGA	35490
3339   UGUCCGGA G CUCUCACU   13207   AGUGAGAACUCCCUUCAAGGACAUCGGG UGCGGACA   3326   CACUCAGG G UACCGUUC   33209   UGCGGACA   13209   UGCGGGAACUCCUUCAAGGACAUCGUCCGGG CCUGAGUG   3320   GGGGGACA   13210   CCCAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCACCCC   3310   GUACCGUA GAGGACAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAAC   3306   GUACCGGA G UACCGGAAC   13211   GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAAC   3306   CCCAGGGA G UACCGUCC G CCUUCGAAC   13212   UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAAC   13212   CGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUUA   13212   GAGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUUA   13212   CGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUUA   13213   GAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUUA   13214   GACGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUGAC   13214   GACGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUGAC   13215   CACCAAAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC   13218   AACCAAAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCC   13219   GUACAAAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13216   GUUUGUU G UCUCGAUU   13217   AACCAAAA GGAGGAAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13216   GUUCGAUU G UACUCCAU G UUCUCCAU G GUUCGAUU G UACCCAGG   13224   GUACAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13216   GUACAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13216   GUACAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13226   AUGCGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13226   AUGCGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG   13226   AUGCGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACGGG GAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAC GGAGGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAC GAGGGAACA GGAGGAAACCCCCUUCAAGGACACUCGUCCGGG AAAACCAC GAGGGAACA GAGGGAAACCCCCUUCAAGGACACUCGUCCGGG AAAACCAC GAGGGAACA GAGGGAAACCCCUUCAAGGACACCCUUCAAGGACACCCCUUCAAGGACACCCCUUCAAGGACACCCCUUCAACA GAGGGAAACCCCCUUCAACA GAGGGAACACCCCUUCAACA GAGGGAACA GAGGACACCCCUUCAAGGACACCCCCCCCCC	7688	3342	Ð	13206			ACCG	35491
3326         CACUCAGG G UGACCGUA         13208         UACGGUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCUGAGUA           3320         GGGUGACC         13209         AGGBACUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGUCACCC           3317         UGACCGUA         GAGUACAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         GGUCAGGA           3309         GUUCCUGG         CAGUACAC         13211         GAGUAGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCAGGAAC           3209         CUCGGGAA         GAGAUGAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCAGGAA           3210         UCCGGGAA         GAGAUGAG         GGAGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCAGGAA           3220         UCAANCCUC         13213         GAGAUGAG         GGAGAGAACUCCCUUCAAGGACAUCGUCCGGG         UCCCAGGA           3276         CCGGCCUUC         GUCCCAUGG         13214         GACCAAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCGGGUAGA           3276         UCCCAUGG         UCCCAUGG         GACCAUGG         GAGCACCCUCCUUCAAGGACAUCGUCCGGG         CCGGGGUAGA           3267         UCCCAUGG         UUUGUCUG         13214         ACCACAAAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCAGGGUAGA           3286         UCCCAUGG         UUUGUCUG         13214 <t< td=""><td>1691</td><td>3339</td><td>Ð</td><td>13207</td><td></td><td></td><td>SACA</td><td>35492</td></t<>	1691	3339	Ð	13207			SACA	35492
3320         GGGUCACCC         GGGAGAAACUCCCUUCAAGGACAUCGUCCGGG         GGCACCCC           3317         UGACCGUA         13219         CCCAGGAA         GGAGAAACUCCCUUCAAGGACAUCGUCCGG         UACGGCA           3317         UGACCGUA         13211         CCCAGGAA         GGAGGAAACUCCCUUCAAGGACAUCCCCGG         UCAGGAAC           3306         GUAUCGAA         13212         UUCGAUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCAGGAAC           3216         UCAGGGAA         13212         UUCGAUUA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UUCGAUGA           3282         UCUAACCGA         GCUGGGU         13214         GAGAUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UUCGAUGA           3276         CCGCAUGG         CCUGGGU         13215         GAGAUGA         GGGGGAAACUCCCUUCAAGGACAUCGUCCGG         CCCUGGG           3267         UCCCAUGG         CCCUGGU         13216         AACCAGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CCAUGGGG           3267         UCCCAUGG         CCUGGUA         13217         AACACAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CCAUGGGG           3260         UCCCAUGG         CCUGGGAA         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCAUGGGG         CCAUGGGA         CCAUGGGA         CCAUGGGA         CCAUGGGA         CCA	7704	3326	g	13208			AGUG	35493
3317         UGACCGUA         13210         CCCAGGAA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UACGAGAC           3309         GUUCCUGG         GAGUAAUC         13211         GAUUACUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         CCAGGAAC           3306         CCUGGGCA         GUAAUCGA         13213         GAGAAUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         UCCCAGG           3287         UAAUCGAA         13213         GAGAAUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         UCCCAUGA           3267         UCCCAUGG         12216         GACAUGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAGGAGAA           3267         UCCCAUGG         12216         AACCAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAUGGGG           3267         UCCCAUGG         12216         AACCAGGG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAUGGGC           3256         CCGGGUUU         13218         AACAAGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAUGGGC           3256         CUGGUUU         13218         AACAAGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGG         CAUGGGC           3257         CUGGGUUU         13218         AACAAGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         AAAAAACA           3249         UGUUUU         UCCCCAUG	7710	3320	Ö	13209			ACCC	35494
3309   GUUCCUGG G CAGUAAUC   13211   GAUUACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAAC   1306   CCUGGGCA G UAAUCGAA   13212   UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAGG   1328   UCUGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCAGG   1328   CCUUCGGU G UCCCAUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   13214   GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA   13215   CCCUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGUAGA   13216   CCCUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGACG CAGGUAGA   13217   ACACAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC   13219   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC   13219   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC   13219   ACACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC   13219   ACACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC   13219   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC   13219   ACACAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAC   13219   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAC   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAC   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAC   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAC   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAC   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCACA   13222   AUUGCUUC G UGGUCCCG   13224   CGAGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCACCUUCAAGGACAUCGUCCGGG GAAGCACA   13225   AUGGCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCACA   GCUCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCACA   13225   AUGGCGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCACA   13225   CGCGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCACA   13225   CGCGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCACA   13225   CGCGACCA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG GAAGCACA   GAGGCACA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG GAAGCACA   GAGCGACA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG GAAGCACA   GAGCGACA GGAGGAAACUCCUUCAAGGACAUCGUCCGGG GAAGCACA CCCUUCAAGGACAUCGUCCCUUCAAGGACAUCGUCCGGG GAGGACACA CCUUCAACA   GAGCGACA GAGGACAAACCCUUCAAGGACAUCGUCCCGGG GAGCACA CCCUUCAACA GAGG	7713	3317	O	13210			BUCA	35495
3296   CCUGGGCA G UAAUCGAA   13212   UUCGAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGG     3287   UAAUCGAA G UCAAUCUC   13213   GAGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGAUUA     3287   UAAUCGAA G UCCAUGG   13214   GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGAUUA     3276   CGGCCUG G CCUGGUU   13215   CCAUGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGA     3267   UCCCAUGG G CCUGGUU   13216   AACCAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGA     3268   CUGGUUUU G UGUCUUGU   13218   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC     3259   UGUGUUUU G UGUCUUGU   13219   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC     3251   CUCGUUU G UACCCAGG   13219   ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCA     3251   GUUUUGU G UCCCCAAG   13219   ACCAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCA     3251   GUUUGUU G UACCCAGG   13221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAG     3221   GUUCGUU G UGUUCCGG   13222   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAG     3221   AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACCAA     3222   AUUCGUU G UGUUCCGG   13222   ACCGAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAA     3221   GUUUGUU G UGUUCCGG   13222   ACCGAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAA     3222   AUUCGUU G UGUUCCGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAA     3222   AUUCGUU G UGUUCCGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAA     3222   AUGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAAU     3222   AUGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAAU     3222   AUGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCAAU     3222   AUGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACA     3222   AUGCGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACACACA     3222   AUGCGCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACACACA     3222   AUGCCCCACACACA GGAGGAAACCCCUUCAAGGACAUCGUCCGGG GAGCCACACACACA     3222   AUGCCCCACACACA GGAGGAAACCCCUUCAAGGACAUCGUCCCGGG GAGCCACACACACACACACACACACACACACAC	7721	3309	D	13211			PAAC	35496
3297         UNANUGARA G UCANUCUC         13213         GAGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGAUGA           3282         UCUACCOS G CCUUCGUC         13214         GACGAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGCG           3276         CGGCCUUC G UCCCANGG         13215         CCAUGGGA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCCG           3267         UCCCANGG G CCCUGGUU         13216         AACCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGA           3261         GGGCCCUG G UUUUGUGU         13217         ACACAAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGA           3254         GGUUUUU G UGUCUUGU         13219         ACAAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG           3249         UGUGUUUU G UGUCCCAU         13219         ACAAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG           3241         GUUCCANU         UCUCCANG         13229         ACAAGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG           3231         CUCCGANU         UCUCCCAN         13221         AUCGGAGA         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG AAAACCAG           3231         CUCCGANU         UCUCCCAN         13221         AUCGGAGA         GGAGGAAACUCCUUCAAGGACAUCGUCCGGG AAAACCAGAACCCUUCAAGGACAUCGUCCGGG AAAACCAGAACACCUUCAAGGACAUCGUCCGGG AAAACCAGAACACCAUCAAAACCAAAACCAAAACCAAAAACCAAAAACCAAAAACAAAA	7724	3306	v	13212			CAGG	35497
3282         UCUACCCO G CCUUCGUC         13214         GACGAAGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGUAGA           3276         CGGCCUUC G UCCCAUGG         13215         CCAUGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGG GAAGGCCG           3267         UCCCAUGG G CCCUGGUU         13216         AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGGCCC           3261         GGGCCCUG G UUUUGUG         13217         ACACAAAA GAAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGGCCC           3256         CUGGUUU         UGUCUUGU         13218         ACAAGGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGAGCCC           3254         GGUUUUGU         UCUUCGGA         13219         GUACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC           3241         GUUGGUUU         UCUCCGAU         13229         CCUGGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACCA           3241         GUACCCAG         UGUGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACA         GAGAACACA           3241         GUACCCAG         UGCGGAAA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACA           3221         GUACCCAG         UGCGGAAACCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACA           3222         UUGUGAUU         UGAUCCCG         13222         AGCAAUCA         GGAGGAAACCCCUUCAAGGACAUCGUCCGGG AAGACAACA           3225         UUGUGAUU         UGGUCCCG         13224         CGGGACCA         GGAGGAAACCCCUUCAAGGACACCCUU	7733	3297	Ð	13213			AUUA	35498
3276         CGGCCUUC G UCCCAUGG         13215         CCAUGGGA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGGCG           3267         UCCCAUGG         G UUUUGUGU         13216         AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC           3261         GGGCCCUG         G UUUUGUGU         13217         ACACAAAA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC           3256         CUGGUUUU         G UCUUGUAC         13218         ACAAGGACA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC           3249         UGUGUUU         UCUUGUAC         13219         GUACCAGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC           3241         GUACCCAG         UCUCCGAU         13221         AUCGGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCC           3241         GUACCCAG         UCUCCGAU         13221         AUCGGAGA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCACA           3231         GUACCCAG         UCCCGAU         13222         AGCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGACA           3225         UUGUGAUU         UGAUCCCG         13222         AGCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCGUCCGGG AAUCGUCCGGG AAUCGUCCCGGG AAUCGUCCGGG AAUCGUCCCGGG AAUCGUCCGGG AAUCGUCCCGGG AAUCGUCCGGG AAUC	7748	3282	Ð Ð	13214			JAGA	35499
3267         UCCCANGG G CCCUGGUU         13216         AACCAGGG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUGGAA           3261         GGGCCCUG G UUUUGUGU         13217         ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGG CAGGGCCC           3254         CUGGUUUU G UUUCUUGU         13219         GUACCAGG GAGGGAAACUCCCUUCAAGGACAUCGUCCGG AAAACCC           3249         UGUGUCUU G UCCCAGG         13220         CCUGGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCA           3241         GUACCCAG         UGUGGUAC         13221         AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUACA           3231         GUACCCAG         UUCCGAUU         UGAAUGCU         13222         AGCAAUCA           3225         UUGUGAUU         UGACCCGG         13222         AGCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUACA           3221         CUCCGAUU         UGACCCGG         13222         AGCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCAGGACAUCGUCCGGG CUGGGAGAACUCCCUUCAAGGACAUCGUCCGGG AAUCAGGACAUCGUCCGGG CUGGGAGAACUCCCUUCAAGGACAUCGUCCGGG CACGGAACAGACAUCGUCCGGG CACGGAACAGACACCCUUCAAGGACAUCGUCCGGG CACGGAACAGACACCCUUCAAGGACAUCGUCCGGG CACGGAACAGACACCCUUCAAGGACAUCGUCCGGG CACGGAACAGACACCCUUCAAGGACAUCGUCCGGG CACGGAACACCCUUCAAGGACAUCGUCCGGG CACGAACACAGACACCCUUCAAGGACAUCGUCCGGG CACGGAACACCGGGA GAGGACAACCCUUCAAGGACAUCGUCCGGG CACGAACACACACACACACACACACACACACACA	7754	3276	υ	13215			೨೦೦೬	35500
3261         GGGCCCUG G UUUUGUGU         13217         ACACAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGCCC           3256         CUGGUUUU G UGUCUUGU         13218         ACAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCA           3254         GGUUUUGU G UCUCGAG         13219         GUACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAACCA           3241         GUACCCAG         13221         AUCGGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUACA           3231         CUCCGAUU G UCACCAGA         13222         AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUACA           3225         UUGUGAUU G UCACGAG         13222         AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCAGGACAUCGUCCGGG AAUCAGGACAUCGUCCGGG GAAGCAAUCA           3226         UUGUGAUU G UCACGAG         13223         AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAGGACAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGCAAUCGGGCGGG GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCACCGGG GAGGACAACCCUUCAAGGACAUCGUCCGGG GGACCACCGGG GAGGACACCCUUCAAGGACAUCGUCCGGG GACGCACCCCCCGGG GAGGACACCCUUCAAGGACAUCGUCCGGG GGACCACCGGG GAGGACACCGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCACCCCCCCCCC	7763	3267	O	13216			3GGA	35501
3256         CUGGUUUU G UGUCUUGU         13218         ACAAGACA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACCAG           3254         GGUUUUGU G UCUUGUAC         13219         GUACCAAGA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACCA           3241         UGUGUCUU G UACCCAGG         13221         AUCGGAGA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGUACA           3231         CUCCGANU G UGAUUGCU         13222         AGCAAUCA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCAGAGACAUCGUCCGGG AAUCAGAGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA           3225         UUGUGAUU G UGAUUCCG         13223         CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA           3220         AUUGCUUC         GUGGUCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UGGUCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UGGUCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UCCCGCCA         GGAGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGACCCCGGG GGAGGACAACCCCUUCAAGGACAUCGUCCGGG GGAGACACCGGG GGACCACGGGA GAGGACAACCCCUUCAAGGACAUCGUCCGGG GGACCACGGGAACCCCUUCAAGGACAUCGUCCGGG GGACCACCGGG GGACCACCCCCCCCCC	7769	3261	ט	13217			3000	35502
3254         GGUUUUGU G         UCUUGUAC         13219         GUACAAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAACC           3249         UGUGUCUU G         UACCCAGG         13220         CCUGGGUA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUAC           3241         GUACCCAG         UGUCCGAU         13221         AUCGGAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUAC           3231         CUCCGAUU G         UGAUUGCU         13222         AGCAAUCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA           3220         AUUGCUUC         UGGUCCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UGGUCCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UGGUCCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG         UCCCGCCA         13225         UGGCGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAAUC           3218         GCUUCGUG         UCCCGCCA         13225         UGGCGGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCACCGGG UGCCGGG UGCCGCG GGACCACCCUCCACCCUUCAAGGACAUCGUCCGGG UGCCGGG UGCCGCG UCCGCGG UGCCGCG UCCGCGG UGCCGCG UCCGCGG UGCCGCG UCCGCGG UGCCGCGG UCCGCGG UCCGCGG UCCCCCCCC	7774	3256	U	13218	- 1	- 1	CAG	35503
3249         UGUGUCUU G UACCCAGG         13220         CCUGGGUA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACA           3241         GUACCCAG G UCUCCAAU         13221         AUCGGAGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGUAC           3231         CUCCGAUU G UGAUUGCU         13222         AGCAAUCA         GAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA           3226         UUGUGAUU G CUCCGCC         13224         CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG G UGGUCCC         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3217         GCUUCGUG G UGGUCCC         13225         UGGCGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3218         GCUUCGUG G UGGUCCCA         13225         UGGCGGGA GAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAAUC           3218         GCUUCGUG G UGGCGCA         GAGGACCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACCGGG GAGCCACCGGG UGGCGGGA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGCACCCGGG UGGCGGAAACUCCUUCAAGGACAUCGUCCGGG UGGCGGACCACCGGG UGGCGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGACCACCGGG UGGCGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGAACCCCUUCAAGGACAUCGUCCGGG UGGCGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGCACCACCACCACCACCACCACCACCACCACCACCAC	7776	3254	0	13219		- t	AACC	35504
3241         GUACCCAG G UCUCCGAU         13221         AUCGGAGA GAGGAAACUCCCUUCAAGGACAUCGUCGGG CUGGGUAC           3231         CUCCGAUU G UGAUUGCU         13222         AGCAAUCA GAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUCGAAG           3225         UUGUGAUU G CUUCGUGG         13224         CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAAGCAAU           3220         AUUGCUUC G UGGUCCCG         13224         CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GAAGCAAU           3217         GCUUCGUG G UCCCGCCA         13225         UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU           3212         GUGGUCCG G CCAGUGUG         GAAGCAAACUCCCUUCAAGGACAUCGUCCGGG GAGCCACC           3212         GUGGGCGCA GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCACCCGGG UGGCGGACCACCCUUCAAGGACAUCGUCCGGG UGGCGGACCACCCUUCAAGGACAUCGUCCGGG UGGCGGGA	7781	3249	0	13220	- 1			35505
3231 CUCCGANU G UGANUNGCU 13222 AGCAAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AAUCGGAGG AAUCGGAGG AAUCGGAGG AAUCGGAGG AAUCGGAGG AAUCGGAGG AAUCGCAGG AAUCGCAGG AAUCACAAGGACAUCGUCCGGG CAACCCAAGGACCUUCAAAGGACAUCGUCCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAAUCGUCCGGG GAAGCAACCCUUCAAGGACAUCGUCCGGG GAAGCACACCACCACAGGACCACCACACACACAC	7789	3241	0	13221	i i			35506
3225 UNGUGAUU G CUUCGUGG 13223 CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACAA 3220 AUUGCUUC G UGGUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAAU 3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC 3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACCAC 3208 UCCCGCCA G UGUGACUG CACGAAGC CACGAAACC CCUUCAAGGACAUCGUCCGGG GGACCAC 3208 UCCCGCCA G UGUGACUG CACGUCCAC G CACGACCAC GAGGCAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA CACGACCAC CACGUCCAC G UGUCACCAC G UGUCACCAC G CACGUCAC G CACGUCAC G CACGUCAC G CACGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA CACGACCAC CACGACACAC GAGGCAAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA CACGACAC CACGACACAC CACGACACAC GAGGCAAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA CACGACACAC CACGACACAC CACGACACACAC	7799	3231	0	13222				35507
3220 AUUGCUUC G UGGUCCCG 13224 CGGGACCA GGAGGAAACUCCCUUCAAGGACCAUCGUCCGGG GAAGCAAU 3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC 3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCAC 3208 UCCCGCCA G UGGACGGG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA GGAGCGACA 3208 UCCCGCCA G UGGCGGGG UGGCGGGA GGAGCAACCCUUCAAGGACAUCGUCCGGG UGGCGGGA GAGCGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA GAGCGACAC	7805	3225	D	13223			_	35508
3217 GCUUCGUG G UCCCGCCA 13225 UGGCGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC 3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCAC 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA CACAACACCACCAACAACAACAACAACAACAACAACAA	7810	3220	<sub>ເ</sub>	13224			CAAU	35509
3212 GUGGUCCC G CCAGUGUG 13226 CACACUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGACCAC 3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA	7813	3217	9	13225			AAGC	35510
3208 UCCCGCCA G UGUGACUG 13227 CAGUCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCGGGA	7818	3212	٥	13226	1	1	CAC	35511
	7822	3208	ט	13227	- 1		3GGA	35512

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7824	3206	CCGCCAGU G UGACUGGU	13228	ACCAGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCGG	35513
7831	3199	O	13229		35514
7841	3189	AUUAUCAA G UCACUCUC	13230	GAGAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUAAU	35515
7862	3168	AUUCCAUC G CCCCACAA	13231	UNGUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGGAAU	35516
7872	3158	CCCACAAG G UAUGCGUC	13232	GACGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGUGGG	35517
7876	3154	CAAGGUAU G CGUCUCAG	13233	CUGAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACCUUG	35518
7878	3152	AGGUAUGC G UCUCAGGC	13234	GCCUGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUACCU	35519
7885	3145	CGUCUCAG G CCACGUAC	13235	GUACGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGACG	35520
7890	3140	CAGGCCAC G UACAUGAU	13236	AUCAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGCCUG	35521
7917	3113	CCAGAACU G CCCUUUCA	13237	UGAAAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUCUGG	35522
7927	3103	CCUTUCAA G CUUCCACG	13238	CGUGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAGG	35523
7935	3095	GCUUCCAC G UAUCAUUG	13239	CAAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGAAGC	35524
7945	3085	AUCAUUGA G CCUGCUUU	13240	AAAGCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUGAU	35525
7949	3081	UUGAGCCU G CUUUCAAU	13241	AUUGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCAA	35526
7970	3060	UAGGACAG G UCACUGUG	13242	CACAGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUCCUA	35527
7976	3054	AGGUCACU G UGGAUCGC	13243	GCGAUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGACCU	35528
7983	3047	UGUGGAUC G CCAAGUUG	13244	CAACUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCCACA	35529
7988	3042	AUCGCCAA G UUGUUCUU	13245	AAGAACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGAU	35530
7991	3039	GCCAAGUU G UUCUUGAC	13246	GUCAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUUGGC	35531
8001	3029	UCUUGACA G CCGUUCCA	13247	UGGAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAAGA	35532
8004	3026	UGACAGCC G UUCCAAUG	13248	CAUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGUCA	35533
8021	3009	AUCUUCGA G UCACAUUC	13249	GAAUGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAAGAU	35534
8031	2999	CACAUUCA G UUGUGUUG	13250	CAACACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAUGUG	35535
8034	2996	AUUCAGUU G UGUUGCUC	13251		35536
8036	2994	Ö	13252	GAGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACUGA	35537
8039	2991	ഭഗദരവരാൻ ഭ സോഗാഗ	13253	AGAGAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACAAC	35538
8067	2963	ACAUCCGA G UGCUGGUG	13254	CACCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAUGU	35539
8069	2961	AUCCGAGU G CUGGUGAG	13255	CUCACCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGGAU	35540
8073	2957	GAGUGCUG G UGAGACCA	13256		35541
8105	2925	ACUUCUAA G CUAUUCCA	13257	- 1	35542
8118	2915	O	13258	- 1	35543
8117	2913	UUCCAAGC G CGAUUCUG	13259		35544
8127	2903	GAUUCUGA G UCGGACAU	13260	AUGUCCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAAUC	35545
8142	2888	AUUCCUUG G UCUCCGGA	13261	UCCGGAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAAGGAAU	35546
8166	2864	CCACAAAG G UGUUGUUG	13262	CAACAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGUGG	35547
8778	2962	9	13263	- 1	35548
8171	2859	<b>А</b> АССИСИИ С ИИСССВАС	13264	CUCGCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCUU	35549
8175	2855	ugunging e canginar	13265	AGAACUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACAACA	35550
8179	2851	GUUGGCGA G UUCUGGUG	13266		35551
8185	2845	GAGUUCUG G UGCAAAUA	13267	UAUTUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAACUC	35552

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8187	2843	3G G	13268	ı	- 1	ACCAGAAC	35553
8211	2819	ט	13269	CUGGAAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	CUGGGGAA	35554
8219	2811	A G	13270	GAAAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	UGGAAGGC	35555
8238	242	AUTUTUCC G UGGUGGCG	13271	CGCCACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGAAAAU	35556
8241	2789	UUUCCGUG G UGGCGGUG	13272	CACCGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CACGGAAA	35557
8244	2786	ccaugang a caguaras	13273	CCUCACCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CACCACGG	35558
8247	2783	uggugges e ugaggeseu	13274	ACGCCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CGCCACCA	35559
8252	2778	GCGGUGAG G CGUUUAGG	13275	CCUAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	CUCACCGC	35560
8254	2776	GOUGAGGC G UUUAGGUG	13276	CACCUAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GCCUCACC	35561
8260	2770	GCGUUUAG G UGCUGACU	13277	AGUCAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CUAAACGC	35562
8262	2768	GUUUAGGU G CUGACUUG	13278	CAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACCUARAC	35563
8270	2760	GCUGACUU G UACAUUCC	13279	GGAAUGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAGUCAGC	35564
8284	2746	UCCCUCCU G UUUCUCAA	13280	UUGAGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGGAGGGA	35565
8306	2724	ACACUAAG G UCCACACC	13281	GGUGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		convaguen	35566
8331	2699	UCAAAAGA G UGUUCAGC	13282	GCUGAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UCUUUUGA	35567
8333	2697	AAAAGAGU G UUCAGCUC	13283	GAGCUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACUCUUUU	35568
8338	2692	AGUGUUCA G CUCGUCCU	13284	AGGACGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UGAACACU	35569
8342	2688	UUCAGCUC @ UCCUUCAC	13285	GUGAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GAGCUGAA	35570
8352	2678	CCUUCACU G CUUCCCAC	13286	GUGGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGUGAAGG	35571
8368	2662	CAUUUGAU G CUCCAGUC	13287	GACUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUCAAAUG	35572
8374	2656	AUGCUCCA G UCUGGAAA	13288	UUUCCAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		UGGAGCAU	35573
8389	2641	AACUGAUC G UAGACCGC	13289	GCGGUCUA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		GAUCAGUU	35574
8396	2634	ອ ບ	13290	GGAGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGUCUACG	35575
8415	2615	A G	13291	UCAGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UCAUAAGG	35576
8433	2597	UGAUCUUG G CUAGGCCU	13292	AGGCCUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		CAAGAUCA	35577
8438	2592	UUGGCUAG G CCUUGUGG	13293	CCACAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CUAGCCAA	35578
8443	2587	UAGGCCUU G UGGCGUUU	13294	AAACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAGGCCUA	35579
8446	2584	accunada a caudicaa	13295	CUGAAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CACAAGGC	35580
_	2582	Ø	13296	CCCUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GCCACAAG	35581
8456	2574	ប	13297	AAGUAUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CCUGAAAC	35582
8465	2565	פ	13298	GACCGGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAGUAUUA	35583
8471	2559	O	13299	UGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CGGUACAA	35584
8481	2549	CCAUCCAA G CCUCCACA	13300	UGUGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	,	UUGGAUGG	35585
8495	2535	ט	13301	UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	AAUGAUGU	35586
8497	2533	AUCAUUGU G UAUGAACA	13302	UGUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACAAUGAU	35587
8524	2506	ACAUCUCA G CUCUUGCC	13303	GGCAAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UGAGAUGU	35588
8530	2500	CAGCUCUU G CCGGCUGA	13304	UCAGCCGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAGAGCUG	35589
-	2496	ນ ວ	13305	GACAUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	1	CGGCAAGA	35590
8540	2490	Θ M	13306	GCCAUAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	. 1	AUCAGCCG	35591
4	2483	UGUCUAUG G CACACCCA	13307	UGGGUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	- 1	CAUAGACA	35592

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8556	2474	CACACCCA G UGUCAGCG	13308	CGCUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGUG	35593
8528	2472	1	13309	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35594
8562	2468	CAGUGUCA G CGUGCACG	13310	CGUGCACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACACUG	35595
8564	2466	GUGUCAGC G UGCACGUU	13311	AACGUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGACAC	35596
8566	2464	gucagegu a caeguuca	13312	UGAACGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCUGAC	35597
8570	2460	GCGUGCAC G UUCACGGA	13313	UCCGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCACGC	35598
8587	2443	GAGGAAGA G CAGAACUC	13314	GAGUUCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUCCUC	35599
8604	2426	CUCCAACU G CGAGAAAC	13315	GUUUCUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGAG	35600
8613	2417		13316	AGCUCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUUCUCG	35601
8619	2411	ACGUGAGA G CUAUGGAC	13317	GUCCAUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCACGU	35602
8637	2393	UAUCACGA G CAUUGAUG	13318	CAUCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUGAUA	35603
8645	2385	GCAUUGAU G CCCAUCCA	13319	UGGAUGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAUGC	35604
8664	2366	ACAGGAGA G CCCCCAGC	13320	GCUGGGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCUCCUGU	32605
8671	2359	AGCCCCCA G CAAUCCUU	13321	AAGGAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGGCU	32606
8680	2350	CAAUCCUU G CGUUAUCC	13322	GGAUAACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAUUG	35607
8682	2348	AUCCUUGC G UNAUCCAG	13323	CUGGAUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAGGAU	35608
8696	2334	CAGGACAU G CCUCCGAA	13324	UUCGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUCCUG	35609
8707	2323	UCCGAACA G UGAGCGGA	13325	UCCGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCGGA	35610
8711	2319	AACAGUGA G CGGAAUGC	13326	GCAUUCCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCACUGUU	35611
8718	2312	AGCGGAAU G CUCCUCCG	13327	CGGAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCGCU	35612
8742	2288	GAUGGACA G CCUUCCCA	13328	UGGGAAGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUCCAUC	35613
8757	2273	CAACUGAG G UGAACACC	13329	GOUGUUCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUCAGUUG	35614
8783	2247		13330	GCUUGGGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAUC	35615
8790	2240	AGUCCCAA G CUGUGUCU	13331	AGACACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU	35616
8793	2237	CCCAAGCU G UGUCUCCU	13332	AGGAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUGGG	35617
8795	2235	CAAGCUGU G UCUCCUAG	13333	CUAGGAGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAGCUUG	35618
8805	2225	сиссилал в совсилаи	13334	ACUAGCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGAG	35619
8808	2222	carangece e careacce	13335	GAGACUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUCUAG	35620
8812	2218	D	13336	CGCAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCGCU	35621
8818	2272	Ð	13337	AAGGAGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGACUA	35622
8820	2210	Ð	13338	CAAAGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGAGAC	35623
8832	2198	O	13339	UACAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUCAAAG	35624
8835	2195	паладавия в пивиллля	13340	CUUDACAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCCUCA	35625
8838	2132	GGGUGGUU G UAAAGGCU	13341	AGCCUUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCACCC	32958
8844	2186	<sub>ອ</sub>	13342	UGGCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUACAA	35627
8849	2181	AAGGCUUU G CCAAUGCU	13343	AGCAUUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCUU	35628
8855	2175	UDGCCAAU G CUGCUUCC	13344	GGAAGCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAA	35629
8828	2112	D	13345	UCUGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUUGG	35630
8870	2160		13346	CAUUGGCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGUCUGG	35631
8872	2158	AGACUUGU G CCAAUGGU	13347	ACCAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGUCU	35632

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9219	181	GACCCGAC G UCAACUUG	13388	CAAGUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGGGUC	35673
9231	1799	ACUUGACA G UGUUGCUU	13389	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35674
9233	1797	D D	13390	UCAAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUCAA	35675
9236	1794	Ð	13391	UUUUCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACUGU	35676
9258	1772	O	13392	GGCUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUUCCUG	35677
9264	1766	o	13393	AGCUTUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAGCCA	35678
9270	1760	o d	13394	GCAUCAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGCUG	35679
9277	1753	AGCUUGAU G CAGAGCUC	13395	GAGCUCUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCAAGCU	35680
9282	1748	A G	13396	AGAGGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCUGCAUC	35681
9292	1738	ncccncnn e nevecccy	13397	UGGGCUCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AAGAGGGA	35682
9536	1734	ncnnengy o cccyyngc	13398	ı	35683
9303	1727	AGCCCAAU G CUAUCACA	13399	UGUGAUAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUUGGGCU	35684
9316	1714	CACAGACU G CUUCGUGG	13400	CCACGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUGUG	35685
9321	1709	U	13401	ACACGCCA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAAGCAGU	35686
9324	1706	D D	13402	ACCACACO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGAAGC	35687
9326	1704	Ð	13403	GAACCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACGAA	35688
9328	1702	ប	13404	AGGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCACG	35689
9331	1699	9 9	13405	UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACGCC	35690
9351	1679	Ð	13406	CAGAGAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUAAUGG	35691
9359	1671	aucucuca a uuccucca	13407	UGGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGAC	35692
9372	1658	UCCACACA G UACUUCCA	13408	UGGAAGUA GGAGGAACUCCCUUCAAGGACAUCGUCGGG UGUGUGGA	35693
9381	1649	O	13409	GAGCAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGUA	35694
9386	1644	O	13410	CCUUGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGG	35695
9398	1632	ø	13411	GACCUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCCCUUG	35696
9404	1626	AGGUUGAG G UCCAUGAA	13412	UUCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAACCU	35697
9435	1595	ტ ე	13413	AACAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUGG	35698
9441	1589	ø	13414	UGUUGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGACGU	35699
9450	1580	0	13415	CGUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGAA	35700
9458	1572	rs l	13416	GCAUACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGAC	35701
9461	1569	ט	13417	AAUGCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGUGAU	35702
9465	1565	ଠା	13418	CACCAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACUACG	35703
9471	1559	D D	13419	GAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGCAU	35704
9473	1557	<u> </u>	13420	GGGAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUGC	35705
9487	1543		13421	GUGAACCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAGGG	35706
9490	1540	D.	13422	ACUGUGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGGUCA	35707
9497	1533	0	13423	ACAGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAACC	35708
9504	1526	AGUCCACU G UCACCUCU	13424	AGAGGUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGACU	35709
9256	1504	Ð,	13425	CACUAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGAA	35710
9532	1498	Ð	13426	CAUACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAGCUU	35711
9534	1496	GCUUUAGU G UGUAUGAA	13427	UUCAUACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUAAAGC	35712

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9536	1494	UUVAGUGU G VAUGAAGG	13428	CCUUCAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUAAA	35713
9544	1486	GUAUGAAG G CGCCGCAG	13429	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35714
9546	1484	AUGAAGGC G CCGCAGGA	13430	UCCUGCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCUUCAU	35715
9549	1481	ย	13431	CACUCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGCCUU	35716
9555	1475	ಅ	13432	CAGCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCGG	35717
9560	1470	GGAGUGAU G CUGAAUCU	13433	AGAUUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACUCC	35718
9573	1457	AUCUCCCU G CCUGAGUG	13434	CACUCAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAGAU	35719
9579	1451	CUGCCUGA G UGGCUCCA	13435	UGGAGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGGCAG	35720
9582	1448	פ	13436	GGUUGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCAGG	35721
9592	1438	nccaaccu e neuceagu	13437	ACUCCACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUUGGA	35722
9594	1436	CAACCUGU G UGGAGUAG	13438	CUACUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGUUG	35723
9599	1431	กอบอบอเลล อ บลอบบบอบ	13439	GGAAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACACA	35724
9602	1428	വേരദേഷൻ വേവാധാവ	13440	CACGGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUCCAC	35725
8096	1422	nyannac a nacayanc	13441	GAGUCGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAACUA	35726
9610	1420	ennacea e cercacer	13442	UGGAGUCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAAC	35727
9621	1409	ACUCCACA 6 UAGUUGGU	13443	ACCAACUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGGAGU	35728
9624	1406	O	13444	UGGACCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACUGUGG	35729
9628	1402	O	13445	UCCAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACUACU	35730
9645	1385	อวกกวชวอ อ อดชชชชชอ	13446	CGAAGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAUUUUUG	35731
9653	1377	. eccycnnc e nycnneyn	13447	AUCAAGUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUGGC	35732
9678	1352	ncaagang g nnconcen	13448	AGGAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCUUGA	35733
9690	1340	O	13449	UACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAGGAA	35734
9696	1334	UUGCCUUG G UAGAGCAG	13450	CUGCUCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGCAA	35735
9701	1329	O	13451	UNUGCCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUACCAA	35736
9705	1325	ø	13452	CAAAUUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUCUA	35737
9714	1316	CAAAUTUG G CGCAUGUG	13453	CACAUGCO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAUUUG	35738
9716	1314	o	13454	GACACAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAAAUU	35739
9720	1310	O	13455	CAUUGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCGCCA	35740
9722	1308	O	13456	AGCAUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAUGCGC	35741
9728	1302	Ð	13457	AAAGGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACAC	35742
9737	1293	O.	13458	UNAUTUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGAAG	35743
9749	1281	ŋ	13459	AACGGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUUAUU	35744
9752	1278	AAUCCGCA G CCGUUGCC	13460	GGCAACGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGAUU	35745
9755	1275	CCGCAGCC 6 UUGCCCCA	13461	UGGGGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGCGG	35746
9758	1272	<b>CAGCCGUU G CCCCAGCC</b>	13462	GGCUGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGCUG	35747
9764	1266	UUGCCCCA G CCCCUGUC	13463	GACAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGCAA	35748
9770	1260	ย	13464	GUGGUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGCUG	35749
9784	1246	Ð	13465	UGUGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGUG	35750
9788	1242	0	13466		35751
9798	1232	ACACAAAA G CUGGGUCA	13467	UGACCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGUGU	35752

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9803	1227	AAAGCUGG G UCAGCACG	13468	CGUGCUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCUUU	35753
9807	1223	0	13469	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35754
9811	1219	GUCAGCAC G UUUGUCAU	13470	AUGACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUGAC	35755
9815	1215	GCACGUUU G UCAUUGUG	13471	CACAAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAACGUGC	35756
9821	1209	UNGUCAUU G UGAGCUUC	13472	GAAGCUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACAA	35757
9825	1205	O	13473	GGGAGAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACAAUG	35758
9837	1193	Ø	13474	вивсссва вваввальстосстиславвалсисвоссво сливевля	35759
9842	1188	ຍ	13475	GCUGCGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGACCAU	35760
9846	1184	UCGGGCAC G CAGCUUUG	13476	CAAAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCCCGA	35761
9849	1181	GGCACGCA G CUUUGGUG	13477	CACCAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGUGCC	35762
9855	1175	CAGCUTUG G UGGAGAGA	13478	UCUCUCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAGCUG	35763
9866	1164	ט	13479	ACCGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCUCUC	35764
9873	1157	CGCUGACG G VAGCCAAA	13480	UUUGGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCAGCG	35765
9876	1154	UGACGGUA G CCAAAUAG	13481	CUAUUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCGUCA	35766
9884	1146	GCCAANUA G CAAUAACU	13482	AGUUAUUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUUGGC	35767
9893	1137	Ø	13483	GAGGUCCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUAUUG	35768
9903	1127	GGACCUCU G CCAGGUUG	13484	CAACCUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGUCC	35769
9908	1122	ტ	13485	GCGGUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGCAGA	35770
9915	1115	ຍ	13486	UAUGGAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCAACC	35771
9945	1085	Ö	13487		35772
9949	1081	GAUGGUAG G COUGUCCU	13488	AGGACAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCAUC	35773
9953	1077	Ö	13489	UCUAAGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCCUAC	35774
6966	1901	O	13490		35775
9974	1056	O	13491	GACAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGACUAU	35776
9977	1053	ອ	13492		35777
9980	1050		13493	GAAGGCGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUGCGU	35778
9983	1047	Ð	13494	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35779
10008	1022	O	13495	UGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGUGG	35780
1001	1019	9	13496	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35781
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10040	990	တ	13498	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35783
10043	987	ט	13499	GGAAUGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAGA	35784
10055	975	פ	13500	UUCAACUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGGAAU	35785
10058	972	Ö	13501	AGCUUCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCUUGG	35786
10064	996	O	13502	GCUUACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAACUG	35787
10067	963	9 9	13503	CCAGCUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUCAA	35788
10071	959	O	13504	GGCCCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACAGCU	35789
10077	953	٥	13505	UUUGGUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCAGCUU	35790
10087	943	ص	13506		35791
10093	937	AAGCAAUA G CACGACAA	13507	UUGUCGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGCUU	35792

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10119	911	ucuecaue e ueuuecuc	13509	GAGCAACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGA	35794
10121	606	UGCAUGGU G UUGCUCCC	13510	GGGAGCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGCA	35795
10124	906	AUGGUGUU G CUCCCAAG	13511	CUUGGGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCAU	35796
10132	868	GCUCCCAA G CAUCCAAC	13512	GUUGGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGC	35797
10149	881	ø	13513	aguaccaa gaagaaacucccuucaagaacaucguccaga ceucauuc	35798
10152	878	UGACGGCU G CCACCAGG	13514	CCUGGUGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGCCGUCA	35799
10101	869	CCACCAGG G CAUAUCCA	13515	UGGAUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGUGG	35800
10172	858	Ø	13516	UUGAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGGAUA	35801
10194	836	AUGAUUCU G UUUUUACC	13517	GGUAAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCAU	35802
10212	818	AAUACCUU G UGGCCUUG	13518	CAAGGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGUAUU	35803
10215	815	ACCUUGUG G CCUUGGUG	13519	CACCAAGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAAGGU	35804
10221	608	nedoconne e necoenoco	13520	GGACAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGCCA	35805
10223	807	accuudau a cuanccau	13521	AUGGACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGGC	35806
10226	804	UUGGUGCU G UCCAUCCA	13522	UGGAUGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCAA	35807
10236	794	CCAUCCAA G CCCCCUUC	13523	GAAGGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAUGG	35808
10247	783	ccancan e anceanse	13524	CUAGCGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAAGGG	35809
10251	779	UCUUGUUC G CUAGAGUG	13525	CACUCUAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACAAGA	35810
10257	773	O	13526	AGAAAGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGCGA	35811
10259	771	GCUAGAGU G CUUUCUCC	13527	GGAGAAAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUAGC	35812
10268	762	connance e nenenane	13528	CAGACACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAAAG	35813
10270	760	UNCUCCEU G UGUCUGCA	13529	UGCAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAGAA	35814
10272	758	coccenen e ocoecaco	13530	AGUGCAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGAG	35815
10276	754	u G	13531	UGACAGUG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGACACAC	35816
10281	749	O	13532		35817
10285	745	A G	13533	GGAGGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAGUG	35818
10298	732	ย	13534	UCAAGACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCGGAG	35819
10300	730	cceacuec e ucuueaeu	13535	ACUCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGUCGG	35820
10307	723	A G	13536	ACACGCCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAGACG	35821
10310	720	congrada a canancon	13537	AAGACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCAAG	35822
10312	718	navendec e nenconde	13538	CCAAGACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACUCA	35823
10314	716	Aguagacau a ucuugaua	13539	CACCAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCCACU	35824
10320	710	augucung a ugcaucuu	13540	AAGAUGCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGACAC	35825
10322	708	GUCUUGGU G CAUCUUCC	13541	GGAAGAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAGAC	35826
10340	690	UACCUGAC G UAGACUGC	13542	GCAGUCUA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUCAGGUA	35827
10347	683	ceureacu e cueacuuu	13543	AAAGUCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUACG	35828
10356	674	ບ	13544		35829
10358	672	O	13545		35830
10367	663	Ð	13546	GACAUCGA GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGUG	35831
10373	657	сависвай в исписивв	13547	CCAGAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGACUG	35832

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631	AGCCGACA G CACUGGGC	13549			35834
624	AGCACUGG G CAUUCAUA	13550	UAUGAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reducees ceasuseu	35835
614	AUUCAUAA G UGAUAGUA	13551	UACUAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ceucceee unaugaau	35836
608	AAGUGAUA G UAUCAUCG	13552	CGAUGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg uaucaeuu	35837
909	GUAUCAUC G CACAUGUA	13553	UACAUGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	rceuccege gaugauac	35838
594	UCGCACAU G UAUCCCAC	13554	GUGGGAUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg Augugega	35839
578	CAUCCAUU G CUCUGACA	13555	UGUCAGAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg AAUGGAUG	35840
567	CUGACAAU G CAUAGGUU	13556	AACCUAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg Auugueag	35841
561	AUGCAUAG G UUCUUUCC	13557	GGAAAGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg cuaur au	35842
551	UCUUUCCA G CAGCUGUU	13558	AACAGCUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduceege uggal AA	35843
548	UUCCAGCA G CUGUUGGA	13559	UCCAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ICGUCCGGG UGCUGGAA	35844
545	CAGCAGCU G UUGGAAUC	13560	GAUUCCAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueege Agengeng	35845
536	UUGGAAUC G UGAUGACA	13561	UGUCAUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	ICGUCCGGG GAUUCCAA	35846
524	UGACAUCU G UGACGUCA	13562	UGACGUCA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	rceuccege AGAUGUCA	35847
519	UCUGUGAC G UCAGUAGC	13563	GCUACUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		35848
515	UGACGUCA G UAGCAUUU	13564	AAAUGCUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduceege ugaceuca	35849
512	CGUCAGUA G CAUUUACC	13565	GGUAAAUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduceege nacugace	35850
503	CAUUVACC @ UCAUCAUC	13566	GAUGAUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduccede eguadaug	35851
480	CCUUGGAA G UUAGAGAG	13567	CUCUCUAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduceded unccaage	35852
470	UAGAGAGG G UAACUGCU	13568	AGCAGUUA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		35853
464	Ö	13569	CGUAGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		35854
456	GCUCCUAC G CUGGCGAU	13570	AUCGCCAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG GUAGGAGC	35855
452	CUACGCUG G CGAUCAGG	13571	CCUGAUCG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	лсеиссеве савсеиав	35856
444	GCGAUCAG G CCAAUCAU	13572	AUGAUUGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reguecego enganege	35857
431	UCAUGACU G CAAUUCCG	13573	COGRANUO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG AGUCAUGA	35858
422	CAAUUCCG G UCUUUCCU	13574	AGGAAAGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reducegge eggaanug	35859
400	UNICUUUU G UUUUGAGC	13575	GCUCAAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG AAAAGAAA	35860
393	UGUUUUGA G CUCCGCCG	13576	CGGCGGAG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	reguecege nearanca	35861
388	UGAGCUCC G CCGAUUGA	13577	UCAAUCGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueegg ggageuea	35862
377	GAUUGAUA G CACUGGUC	13578	GACCAGUG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG UAUCAAUC	35863
371	UAGCACUG G UCAAGGUC	13579	GACCUUGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reguecege caguecua	35864
365	иваисьяв в исссияви	13580	ACUAGGGA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	лсеиссеве спивасса	35865
358	Ø	13581	AGAAGGAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		35866
336	CUCAGAAG G UGUUCAU	13582	AUGABACA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reguecege concuers	35867
334	CAGAAGGU G UUUCAUCG	13583	CGAUGAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	regueege Accureug	35868
326	GUUCAUC G CUGUUGU	13584	ACAAACAG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG GAUGAAAC	35869
323	UCAUCGCU G UUUGUUUG	13585	CAAACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	JCGUCCGGG AGCGAUGA	35870
319	cacuannu a unuannca	13586	UGAACAAA GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	reduceege AAACAGCG	35871
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10738	292	UCGAUCCA G CACUGCUC	13588	GAGCAGUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUCGA	35873
10743	287	CCYGCYCA G CACGGGAC	13589	GACCCGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGG	35874
10749		CUGCUCGG G UCGGAGCA	13590	UGCUCCGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGAGCAG	35875
10755		e G	13591	AGCAAUUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGACCC	35876
10761	269	Ø	13592	GUUCACAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUGCUC	35877
10764	266	D G	13593		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAAUUG	35878
10779	251	UGAAGAAC G CCAAGAGA	13594	ucucuugg	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUCUUCA	35879
10788	242	A G	13595	ນອນເອນນອດ	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUUGG	35880
10801	229	ភ	13596	GGCCAAUA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUUGUG	35881
10801	223	ncenying e ccccnnec	13597	GCAAGGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA	35882
10814	216	U G	13598	AUCGACGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGGCC	35883
10817		Q	13599	CUGAUCGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGGG	35884
10826	204	ncovnava a anavvan	13600	AUGUUGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUCGA	35885
10836	194	UCAACAUA G CCCUCUUC	13601	GAAGAGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGUUGA	35886
10846	184	CCUCUUCA G UCCAAUCA	13602	UGAUUGGA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGAGG	35887
10865	165	GACAACAC G CGGGGCAU	13603	AUGCCCCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUGUC	35888
10870	160	ø	13604	GCGGAAUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCCGCGUG	35889
10877	153	C G	13605	CUARARCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUGCC	35890
10879	121	CAUUCCGC G UUUUAGCA	13606	UGCUAAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGAAUG	35891
10885	145	Ð	13607	UCAAUAUG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAAACGC	35892
10896	134	ø	13608	GAGCCGGG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCAAUA	35893
10901	129	O	13609	GGCAAGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGGCUGU	35894
10907	123	O	13610	99222999	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGCCG	35895
10912	118	٥	13611	- 1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCAAG	35896
10921	109	0	13612	CUAAGAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGG	35897
10944	86	o	13613	UCUUAGCA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCU	35898
10946	84	<u>ت</u>	13614	- 1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGAU	35899
10957	73	ט	13615	- 1		35900
10961	69	٥l	13616	- 1	- 1	35901
10966	64		13617	- 1		35902
10968	62	ט	13618	- 1		35903
10975	55	ס	13619	AUUAACAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUAACA	35904
10978	52	ø	13620	1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAAUUA	35905
11002	28	ט	13621	CUGACAAA	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGUAGU	35906
11006	24	0	13622			35907
11010	20	٥	13623	UGUGUGAG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGACAAAC	35908
11020	10	0	13624	GUAGUUCG	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGUGUGA	35909
37	10993	0	14175	CAGUGCGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACAAUGG	35910
54	10976	O	14176	1	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGGCA	35911
28	10972	guadactu a guuanaca	14177	UGCACAAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCACAC	35912

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29	10963	GUUGUGCA G AGCAGAAG	14178	CUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCACAAC	35913
72	10958	GCAGAGCA G AAGAUCUC	14179	GAGAUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUGC	35914
75	10955	GAGCAGAA G AUCUCCUA	14180	UAGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGCUC	35915
94	10936	CUAUCCCA G GUGUCAAU	14181	AUUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAUAG	35916
118	10912	unuennan a anannua	14182	CAAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACAAA	35917
128	10902	စ	14183	CCCCGUGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAAAACA	35918
133	10897	UGUGGCAC G GGGUCUCC	14184	GGAGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCCACA	35919
134	10896	GUGGCACG G GGUCUCCA	14185	UGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGCCAC	35920
135	10895	UGGCACGG G GUCUCCAC	14186	GUGGAGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGUGCCA	35921
164	10866	CUUCCCCU G ACCUACAG	14187	CUGUAGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGGGAAG	35922
182	10848	UUCAGUCA G GCUGGGCC	14188	GGCCCAGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGACUGAA	35923
186	10844	GUCAGGCU G GGCCGUGC	14189	GCACGGCC GGAGGAACUCCCTUCAAGGACAUCGUCCGGG AGCCUGAC	35924
187	10843	UCAGGCUG G GCCGUGCA	14190	UGCACGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGCCUGA	35925
207	10823	UAAACCGC G GGGUCUCC	14191	GGAGACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGUUUA	35926
208	10822	AAACCGCG G GGUCUCCU	14192	AGGAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGGUUU	35927
209	10821	AACCGCGG G GUCUCCUC	14193	GAGGAGAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CCGCGGUU	35928
240	10790	UUCGCCCU G GUUAACAC	14194	GUGUUAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCGAA	35929
256	10774	CCAUDACC G GGGCDAGG	14195	CCUAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAAUGG	35930
257	10773	O	14196		35931
258	10772	. AUUACCGG G GCUAGGGC	14197	GCCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUAAU	35932
263	10767	COGGGCUA G GGCCGCGU	14198	ACGCGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCCCG	35933
264	10766	вевестина в вссесете	14199	CACGCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAGCCCC	35934
272	10758	eccecen e ececenne	14200	CAACGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCGGCC	35935
273	10757	b	14201		35936
274	10756	Ð	14202	,	35937
280	10750	gagacann a anniaccu	14203	AGGCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCCC	35938
308	10722		14204	UAGUGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAC	35939
309	10721		14205	AUAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGA	35940
370	10720	G G	14206	GAUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35941
322	10708	g	14207	AGUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGAUAG	35942
338	10692		14208	GUGCUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGAGA	35943
357	10673	ย	14209	UGUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCUACG	35944
362	10668	9 D	14210	CCCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACCACG	35945
368	10662	CUGACAUU G GGCUUUGA	14211	UCAAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGUCAG	35946
369	10661	v	14212	UUCAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGUCA	35947
375	10655	ø	14213	UGUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGCCCA	35948
390	10640	CAACAUGU G GGGUCCUC	14214	GAGGACCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAUGUUG	35949
391	10639	AACAUGUG G GGUCCUCC	14215	GGAGGACC GGAGGAACUCCCUUCAAGGACAUCGUCGGG CACAUGUU	35950
392	10638		14216	AGGAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACAUGU	35951
404	10626	CUCCUUCC G AGACGGUU	14217	AACCGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGGAG	35952

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	UCGGAAGG	GUCUCGGA	AGAACCGU	UCAGAACC	CUCAGAAC	AUGUAAGC	CAUGUAAG	GCGAAGUG	
Table XII	AGAACCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGAAGG	CUCAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUCGGA	UAAGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAACCGU	UGUAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAACC	AUGUAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAGAAC	AAGUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUAAGC	GAAGUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUAAG	AACAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAAGUG	
	AGAACCGU	CUCAGAAC	UAAGCCCU	UGUAAGCC	AUGUAAGC	AAGUGAUC	GAAGUGAU	AACAAAGC	
	14218	14219	14220	14221	14222	14223	14224	14225	
	GA G ACGGUUCU	AC G GUUCUGAG	CU G AGGGCUUA	GA G GCCUTACA	AG G GCUUACAU	AU G GAUCACUU	UG G AUCACUUC	GC G GCUUNGUU	
	A. G	5	9 5	3A G	5	N G	3G G	ည်	
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-	ت   <del>د</del>	14219	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35955
+	9	14220	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	25056
10613	σ	14221	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	25250
	GUUCUGAG G GCUUACAU	14222	- 1	10800
$\vdash$	GCUUACAU G GAUCACUU	14223	- 1	35958
$\vdash$	CUUACAUG G AUCACUUC	14224	GAAGUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGUAAG	35959
10591	CACTUCGC G GCUTUGUU	14225	AACAAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGAAGUG	35960
10568	GUCCUCCU G GGGUUGAG	14226	CUCAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAC	35961
╁	UCCUCCUG G GGUUGAGU	14227	ACUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAGGA	35962
10566	CCUCCUGG G GUUGAGUC	14228	GACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGGAGG	35963
10562	ပ	14229	CUGCGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCCAG	35964
10554	O	14230	GGUGCUGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGCGACUC	35965
10530	פ	14231	CCCGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGUUG	35966
10527	CUUCCGGU G GCGGGAAC	14232	GUUCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGGAAG	35967
10524	O	14233		35968
10523	CGGUGGCG G GAACTUCC	14234	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35969
10522	GGUGGCGG G AACUUCCC	14235	GGGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCCACC	35970
10513	AACTUCCC & GCCUGACU	14236	AGUCAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAGUU	35971
10508	CCCGGCCU G ACTUUCTIC	14237	GAGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCCGGG	35972
10408	UUACAAUU G AUUAAAUA	14238		35973
10349	UCUUUAGU G AACUCAUG	14239		35974
10317	UCAUCUCC G AUGAUUGC	14240		35975
10314	UCUCCGAU G AUUGCUCU	14241		35976
10305	AUUGCUCU G ACUUGGUU	14242		35977
10300	UCUGACUU G GUUGAUAG	14243	CUAUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUCAGA	35978
10296	ACTUGGUU G AUAGCCAC	14244	GUGGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAAGU	35979
10285	AGCCACCU G GAUGUUUU	14245	AAAACAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUGGCU	35980
10284	GCCACCUG G AUGUUUUC	14246		35981
10266	GCCCACGU G GCUCGGGC	14247		35982
10261	ceueecuc e eecucuue	14248		35983
10260	GUGGCUCG G GCUCUUGU	14249	ACAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGCCAC	35984
10243	GCCAAUCA G GCUGCCAC	14250	GUGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGGC	35985
10230	CCACACCA G AUGUCCUC	14251	GAGGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUGUGG	35986
10211	GUUUUCCU G AAUAUGGG	14252	CCCAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAAAAC	35987
10205	CUGAAUAU G GGACGUCA	14253	UGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUUCAG	35988
10204	UGAAUAUG G GACGUCAC	14254	GUGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAUUCA	35989
10203	GAAUAUGG G ACGUCACU	14255	AGUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUAUUC	35990
10181	Ð	14256		35991
10180	CICCACTIC G GGITHIGH	14257	A PARA PARA PER	35992

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$\dashv$	10138	0	14259	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	35994
101 668	10131	CGGUUCCA G ACCUCCAA	14260	UNGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACCG	35995
943 100	10087	UCCUGCAU G GAUGGACC	14261	GGUCCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGGA	35996
944 100	10086	CCUGCAUG G AUGGACCA	14262	UGGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCAGG	35997
┢	10083	GCAUGGAU G GACCACGU	14263	ACGUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCAUGC	35998
948 100	10082	CAUGGAUG G ACCACGUG	14264	CACGUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCAUG	35999
956 100	10074	GACCACGU G GUUCUUCC	14265	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUGGUC	36000
<del> </del>	10065	GUUCUUCC G GUAGGGAC	14266	GUCCCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAGAAC	36001
969 100	10001	UUCCGGUA G GGACCCAA	14267	UUGGGUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACCGGAA	36002
╁╴	10060	UCCGGUAG G GACCCAAU	14268	AUUGGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUACCGGA	36003
971 100	10059	CCGGUAGG G ACCCAAUU	14269	AAUUGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUACCGG	36004
╁	10046	AAUUCACA G GGACAGCG	14270	CGCUGUCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAUU	30098
985 100	10045	AUUCACAG G GACAGCGG	14271	CCGCUGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGUGAAU	36006
┝	10044	UUCACAGG G ACAGCGGA	14272	UCCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGUGAA	36007
992 100	10038	GGGACAGC G GAGCAAAU	14273	AUTUGECUE GGAGGAAACUCECUUCAAGGACAUCGUCEGGG GEUGUECE	36008
001 866	10037	GGACAGCG G AGCAAAUG	14274	CAUTUGEU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUGUCC	36009
┢	10029	O	14275	GCCAACGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUUUGCUC	36010
1007 100	10023	AUGGCGUU G GCCAUGAG	14276	CUCAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCAU	36011
1013 10017	017	UUGGCCAU G AGCCGCAG	14277	CUGCGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAA	36012
1021 100	10009	GAGCCGCA G GUCUCUUC	14278	GAAGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCUC	36013
1033 99	9997	UCUUCUGU G GAAGUACA	14279	UGUACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAGA	36014
1034 99	9666	CUUCUGUG G AAGUACAG	14280	CUGUACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGAAG	36015
1042 99	9966	GAAGUACA G AAGCAGCC	14281	GGCUGCUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UGUACUUC	36016
1057 99	9973	CCACAUCU G GGCAUAAG	14282	CUUAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGUGG	36017
1058 99	9972	CACAUCUG G GCAUAAGA	14283	UCUUAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAUGUG	36018
1065 99	9965	GGGCAUAA G ACUUAGCC	14284	GGCUAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUGCCC	36019
1075 99	9955	CUUNGCCA G ACAAGCAG	14285	CUGCUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUAAG	36020
1090 99	9940	AGUGUCGC G GACGUUCC	14286	GGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACACU	36021
1001	9939	GUGUCGCG G ACGUUCCA	14287	UGGAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGACAC	36022
1103 99	9927	UUCCAUCC G GCCCCUGG	14288	CCAGGGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAUGGAA	36023
H	9920	CGGCCCCU G GAGAUAUG	14289	CAUAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGGCCG	36024
1111 99	9919	GGCCCCUG G AGAUAUGC	14290	GCAUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGGGCC	36025
1113 99	9917	CCCCUGGA G AUAUGCGA	14291	UCGCAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGGGG	36026
<u> </u>	9910	Ö	14292	GCAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUAUCU	36027
L	9880	Ø	14293	UUCCAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGACAG	36028
1155 98	9875	CUCGGCAU G GAACCACC	14294	GEUGEUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCCGAG	36029
1156 98	9874	UCGGCAUG G AACCACCA	14295	UGGUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGCCGA	36030
H	9846	UCUUUCAU G AUCAAUUC	14296	GAAUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAAGA	36031
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	1201 9829	AGUGAAAU G GUUUGAGC	14298	GCUCAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCACU	36033
9815         AGCAAAUU G GAACCUGCU         14301         AGCAGGUUC           9814         GCAAAAUU G AACCUGCU         14301         AGCAGGUUC           9785         AUCCAGUU G AUGUCUUC         14303         GAAGCAUC           9769         CCACUCUU G GUUUCCAC         14304         AAGACAUC           9769         CCACUCUU G GUUUCCAC         14306         AAGACAUC           9769         CACUCUUG G AACCUUUG         14306         CAAAGGUU           9736         GACUUUGC G AACCUUUG         14306         CAAAGGUU           9737         GUCUUUGC G AACCUUUG         14309         UCCACUUC           9738         AUAGCAUUG G AACCUUUG         14310         UCCACUUUC           9739         AACAUUGA G AACGAGGG         14310         UCCACUUC           9730         AGCAUUGA G ACCAGAGG         14311         UCCACUUC           9730         AGCAAGGG G ACCAGAGG         14312         UCCCACUU           9720         AGCAAGGG G ACCAUCCA         14314         UUUGCCAC           9721         AGCAAGGG G GCAAAGGG         14311         UUGCCACU           9720         AGCAAGGG G GCAUUACC         14310         UCCCACUU           9721         AGCAAGGG G GCAUUACC         14310         UCCCACUU <tr< td=""><td>╂</td><td>O</td><td>14299</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36034</td></tr<>	╂	O	14299	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36034
9814         GCAAAAUG G AACCUGCU         14301         AGCAGGUU           9785         AUCCAGUU G ACGUUUC         14302         GAAACCGU           9762         CCACUCUU G GUUUCCAC         14303         GUGGAAAC           9769         CCACUCUU G GAUUCCUU         14304         AAGGACAU           9769         CCACUCUU G AACUUUC         14305         AAGGACUU           9749         GACUUUGC G AACCUUUG         14306         CAAAGGUU           9736         GACUUUGC G AACCUUUG         14307         UGCUACUU           9737         GAGACUUUG G AAGUGGGA         14310         UCCACUUC           9736         AAGACAUU G AAGUGGAG         14311         CCUCGCUC           9725         AAGAAGUU G AAGUGGAG         14311         CCUCGCUC           9726         AAGGAAGU G AAGUGGAG         14311         UCCCACUU           9727         AAGGAAGU G AAGUGGAG         14311         UCCCACUU           9729         AAGGAAGU G ACGAAGCG         14311         UCCACCUU           9720         AACGAAGG         AUCGCCCA         14316         UCCACCUU           9721         AACGAACAC         ACCUCGCCA         14316         UCCACCUU           9722         AACGAACAC         ACCUCGCCA         14316	┞-	O	14300	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36035
9785         AUCCAGUU G ACGGUUUCCAC         14302         GAAACCGU           9762         CAGUUGAC G GUUUCCAC         14303         AGGAAAC           9769         CCACUCUU G AUGUCUU         14304         AAGACAU           9769         CACUCUUG G AUGUCUU         14305         AAGACAU           9776         GUCUUUGC G AACCUUGG         14306         CAAUGGUU           9736         AAGACAUUG G AAGUGGA         14307         UGCACUUCU           9736         AAGAGAGU         G AAGUGGA         14310         UCCACUUCU           9737         GUAUUGAG G AAGUGGA         14311         CCUCGCUC           9736         AAGGAAUG         G AAGUGGA         14311         UCCACUUC           9729         AGGAAAGU         G AGCGAGG         14311         CCUCGCUC           9720         AGGAAAGU         G AGCGUUAC         14312         ACCUCGCU           9721         AGCAAAGC         G ACCUCCC         14312         ACCUCGCU           9720         AGGAAAGC         G ACCUCCC         14312         ACCUCGCU           9721         AGCAAAGC         G ACCUCCCA         14314         UCCACCCC           9720         AGCACAGG         G ACUCUUCCA         14314         GACUCACCC <tr< td=""><td>⊢</td><td>O</td><td>14301</td><td>AGCAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUUGC</td><td>36036</td></tr<>	⊢	O	14301	AGCAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUUUUGC	36036
9782         CAGUUGAC G GUUUCCAC         14304         AAGACAUC           9769         CCACUCUU G GAUUUCCAC         14304         AAGACAUC           9769         CCACUCUU G GAUGUCUU         14304         AAGACAUC           9769         CACUCUUG G AUGUCUU         14305         CAAAGGUU           9749         GAACCUUUG G AACUUUG         14306         CAAAGGUU           9736         AGACAUUGAG G AAGUGGAG         14310         UGCACUUC           9729         AGAGAAGU G AAGUGGAG         14311         CUCCACUU           9720         AGAGAAGU G AAGUGGAG         14312         UCCACUUCC           9721         GAGAAGUG G AGGUGAGG         14312         UCCACUUCC           9720         AGGAAAGU G AGGUGAGG         14313         UCCACUUCC           9721         AGUGGAGGU G AGGUGAGA         14313         UCCACUUCC           9720         AGGAAAGC G AGGCAAGA         14314         UUUGCCACU           9721         AGCACACCA         GCCAAACA         GCCACACAC           9720         AGCGCACA         GCCAAACAC         ACCCACCAC           9721         AGCCACCACA         GCCAACACCA         ACCCACCACA           9720         ACCCCACCACA         GCCACACACA         GCCACACACA <t< td=""><td>┝</td><td>O</td><td>14302</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36037</td></t<>	┝	O	14302	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36037
9769         CCRCUCUU G GNUGUCUU         14304         AAGACAUC           9768         CACUCUUG G AUGUCUU         14305         AAAGACAU           9758         CACUCUUG G AUGUCUU         14306         CAAAGGUU           9749         GUCUUUGC G AACCUUGG         14306         CAAAGGUU           9736         AUAGCAUU G AGGAAGUG         14309         UCCACUUC           9736         AUAGCAUU G AAGUGGA         14310         UCCACUUC           9737         AGCAUUGAG G AGGUGGA         14311         CCUCGCUU           9728         AGGAAGGG G AGGUGGA         14312         ACCUCGCU           9729         AGGAAGGG G AGGUGGA         14313         UCCCACUU           9720         AGGAAGGG G GAAAGCG         14314         UUGCCACU           9701         AGCAAAGCG G AUCGUCAA         14314         UUGCCACU           9702         AUGGGAGG G GCAAAGCG         14315         UCGCCACU           9604         AUCCCACAC         GCACAAGCG         AUCGCACAC           9605         AUGCCACAC         GCCACACAC         ACCCACACA           9607         UCGCCACU         ACCCCACAC         GCCCACACA           9608         AGCCACACA         GCCCACACA         GCCCACACA           9609	╀	Ø	14303	GUGGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAACUG	36038
9768         CACUCUUG G AUGUCUUU         14305         AAAGACAU           9757         GUCUUUGC G AACCUUU         14306         CAAAGGUU           9738         GUAACCUUU G ACAUAGCA         14306         CAAAGGUU           9738         AUAGCAUU G ACAUAGCA         14309         UGCUUCCU           9736         AGAUGAGU G AAGUGGA         14310         UGCACUUCCU           9735         AGCAUUGAG G AAGUGGAG         14310         UCCACUUCCU           9725         AGGAAGUG G AGGAGGA         14312         CUCCACUU           9726         AGGAAGGG G AGGAGGA         14312         UCCCACUU           9727         AGGAAGGG G AGGACAAA         14314         UUGCCACU           9702         AGCGAAGGG G GCAAAGCG         14315         UCCCCACU           9701         AGCGAAGGG G GCAUUAAC         14315         UCCCCACU           9702         AGCGAAGGG G GCAUUAAC         14315         UCGCCACU           9604         AGCCAUGC G ACCOUUAC         14316         UCACCACU           9607         AGCCAUGC G ACCOUUAC         14316         GUAAAGCC           9608         AUGCCACU         ACCCACUCC         14310         GUAAAGCC           9609         AGCCACACU         ACCCACACU         ACACCACUC	┝	O	14304		36039
9757         GUCUUUGC G AACCUUUG         14306         CAAAGGUU           9749         GAACCUUU G ACAUAGCA         14307         UGCUAUGU           9738         AUAGCAUU G ACAUAGCA         14307         UGCUAUGU           9736         AGCAUUGAG G AAGUGGAG         14310         UCCACUUCCU           9735         AGCAUUGAG G AAGUGGCA         14311         CCUCGCUC           9729         AGGAAGUG G AGCGAGGU         14312         ACCUCGCU           9720         AGGAAGCG G AGCGAGGU         14312         ACCUCGCU           9721         AGCAAGGC G AGCGAGGU         14312         ACCUCGCU           9722         AGCGAAGC G AGCGACAA         14314         UUGCCACCU           9723         UGGAAGGU G GCCAAAGC G AUCGUCCA         14314         UUGCCACC           9702         AGCGAAGC G GCCUUUAC         14314         UUGCCACC           9703         AUCGUCCAG G GCCUUUAC         14314         UUGCCACC           9704         ACCACAGG G GCCUUUAC         14320         AUCGCACCU           9664         AGCCAUUGG G GCCAAGUC         14322         GAACACCC           9675         UCUCCACCU         14323         GAACACACC           9660         AUCGCCACG         GCCCACCOC         9600	╀	U	14305	AAAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGAGUG	36040
9749         GAACCUUU G ACAUAGCA         14307         UGCUAUGU           9738         AUAGCAUU G AGAAGUG         14308         CACUUCCU           9736         AGCAUUGAG G AAGUGGAG         14310         UCCACUUC           9735         GCAUUGAG G AAGUGGAG         14311         CUCCACUU           9729         AGGAAGUG G AGCGAGG         14311         CUCCACUU           9725         AGGAAGCG G AGCGAGG         14312         ACCUCGCU           9726         AGGAAGCG G AGCGAGG         14313         UCCCACUU           9727         AGGAAGCG G AGCGAGG         14314         UUGCCACC           9728         AGCGAGGU G GCCAAAGC         14314         UUGCCACC           9729         AGCGAGGU G GCCAAAGC         14314         UUGCCACC           9720         AGCGAAGC G GCCUUAA         14314         UUGCCACC           9701         AGCCAAGC G GCCUUAAC         14314         UUGCCACC           9702         UCGUCCACG G GCCUUAAC         14320         ACGCACGC           9664         AGCCAUGC G GCCUUACC         14320         ACGCACACC           9675         UCUCCACC         9CCCAAGCC         14320         GCCCAAACC           9674         AGCCACCAC         GCCCACCUUCC         14326         GCC	├-	O	14306	CAAAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAAAGAC	36041
9738         AUMGCAUU G AGGAAGUG         14308         CACUUCCU           9736         AGCAUUGA G GAAGUGGA         14310         UCCACUUC           9735         GCAUUGAG G AAGUGGAG         14311         CUCCACUU           9729         AGGAAGUG G AGCGAGG         14312         ACCUCGCUC           9729         AGGAAGUG G AGCGAGG         14313         UCCCACUU           9720         AGGAAGU G GACGAGG         14313         UCCCACUU           9721         AGCAAGCG G AGCUCACA         14314         UUUGCCAC           9722         AGCGAGGU G GCUUUAC         14314         UUUGCCAC           9703         AUCGUCCAC         G GCUUUACC         14316         GGCAUUGC           9604         ACGCCAUG         G GCUUUACC         14320         AUGGCCCC           9605         AUCGUCCAC         G GCUGAGUC         14320         AUGGCCAC           9607         UCGUCCAC         G GCUGAGUC         14321         GUAAAGCC           9604         AUGCGCAC         G GCUGAGUC         14322         GACCCAAGC           9618         CCUUUCCAC         G GCUGAGUC         14324         CCCAAAGU           9624         AGCCCAUG         G GCCCAAC         14324         ACCAAGCC	╀	O	14307	UGCUAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGUUC	36042
9736         AGCAUUGA G GAAGUGGA         14319         UCCACUUC           9735         GCAUUGAG G AAGUGGAG         14310         CUCCACUU           9729         AGGAAGUG G AAGUGGAG         14311         CUCCACUU           9729         AGGAAGUG G AGCGAGGU         14312         ACCUCGCUC           9729         AGGAAGUG G AGCGAGGU         14312         ACCUCGCUC           9720         AGUGGAGG         AGCGAAGC         14313         UGCCACCU           9721         AGCGAAGC         AUCGUCCA         14314         UUUGCCACC           9702         AGCGAAGC         AUCGUCCA         14316         UUGGACCACC           9703         AUCGUCCAG         GCCUUUACC         14316         GGCAUUGC           9604         AUCGUCCAG         GCCUUUACC         14326         GGUAAAGCC           9605         AUCGUCCAG         GCUUAACC         14320         AUGGCACG           9606         AUGCCCACU         ACACCCAGG         GCUUAACC         14326         GAAGGACC           9618         AGCCAUGC         GCUCAGGC         14326         GAAGGACC           9624         AGCCAUGC         ACUUUGGC         14326         GAAGGACC           9618         CCGAGUCC         ACUCACCAC	┞	O	14308	CACUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUAU	36043
9735         GCAUUGAG G AAGUGGAG         14310         CUCCACUU           9730         GAGGAAGU G GAGCGAGG         14311         CCUCGCUC           9729         AGGAAGU G AGGGAGGU         14312         ACCUCGCUC           9729         AGGAAGU G AGGGAGGU         14313         UGCCACCU           9729         AGUGGAGGA G GUGGCAAA         14314         UUUGCCACU           9720         AGCGAAGC G AUCGUCCA         14316         UUUGCCACU           9702         AGCGAAGC G GCAAAGCG         14316         UUGGACCACU           9702         AGCGAAGC G GCCUUVAC         14316         UUGGACCACU           9702         ACGUCCACG G GCCUUVAC         14319         GGUAAAGCC           9703         AUCGUCCAC         GGCCUVUGC         14319         GGUAAAGCC           9604         AUCGUCCAC         GGCCUVUGC         14320         AUGGCCGC           9610         AUCGUCCAC         GGCCUVUGC         14320         AUGGCCGC           9660         AUCCCAUGC         GCCUVUGC         14321         GCCAAAGC           9660         AUGCCAUGC         GCUCCAGCC         14322         GAAAGGAC           9610         AUGCCAUGC         GCUCCAGCC         14324         GCCAAAGC           9610 <td>╀</td> <td>О</td> <td>14309</td> <td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td> <td>36044</td>	╀	О	14309	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36044
9730         GAGGAAGU G GAGCGAGG         14311         CCUCGCUC           9729         AGGAAGUG G AGCGAGGU         14312         ACCUCGCUC           9729         AGGAAGUG G AGGAGGA         14312         ACCUCGCUC           9720         AGGGAGGU         G AGGAGCA         14314         UUUGCCACU           9720         AGCGAAGC         AUCGUCCA         14316         UUGGACCACU           9702         AGCCAAGC         AUCGUCCA         14316         UUGGACCACU           9703         AUCGUCCA         G GCCUUUAC         14316         UUGGACCACU           9704         UCGUCCAC         G GCCUUUAC         14319         GGUAAAGCC           9705         UCGUCCAC         G GCCUUUAC         14319         GGUAAAGCC           9701         UCGUCCAC         G GCCUUUAC         14320         AUGGCCAC           9675         UCUCCACU         G ACUCUUAC         14321         GACAAGCC           9660         AUGCCAUGC         G GCCCAUCC         14322         GAAAGGAC           9670         AUGCGUCCA         G GUCCUUUC         14324         GCCCAAAGC           9670         AUGCGUCCA         G GUCCUUUC         14324         GCCCAAAGC           9670         AUGCGUUUG <td< td=""><td>╀</td><td>စ</td><td>14310</td><td>CUCCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUGC</td><td>36045</td></td<>	╀	စ	14310	CUCCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAUGC	36045
9729         AGGAAGUG G AGCGAGGU         14312         ACCUCGCU           9725         AGUGGAGG G AGGUGCA         14313         UGCCACCU           9725         AGUGGAGG G AGGUGCA         14314         UUUGCCAC           9720         AGCGAAGC G AUCGUCA         14315         UGGACCGU           9702         AGCCAAGC G AUCGUCA         14316         UGGACGAU           9702         UCGUCCAG G GGCUUUAC         14319         GGUAAAGCC           9702         UCGUCCAG G GGCUUUAC         14320         AUGGCCAGU           960         AUCGUCAG G GCUUUAC         14320         AUGGCCAGU           960         AUCGUCAG G GCUUUAC         14320         AUGGCCAGU           960         AUGCCAUGC G GCUUUAC         14320         AUGGCCAGU           960         AUGCCAUGC G GCUUUAC         14321         GACUCCAGC           960         AUGCCAUGC G GCUCAGUC         14322         GAAAGGAC           961         AUGCCAUUC         ACUCUUGC         14324         AUCAGCCGC           961         AUGCCAUUC         GCUCCAGUC         14324         AUCAGCCGC           961         AUGCCAUUC         GCUCCAGUC         14324         AUCAGCCGC           961         AUGCCAUUC         GCUCCAGUC         <	┞	ဗ	14311	CCUCGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUCCUC	36046
9725         AGUGGAGC G AGGUGGCA         14313         UGCCACCU           9723         UGGAGCGA G GUGGCAAA         14314         UUUGCCAC           9720         AGCGAAGC G AUCGUCA         14315         CGCUUUGC           9712         GGCAAAGC G AUCGUCA         14316         UGGACGAU           9703         AUCGUCCAG G GGCUUUAC         14319         GGUAAAGCC           9701         CGUCCAGG G GCUUUACC         14319         GGUAAAGCC           960         AUCGUCCAG G GCUUUACC         14319         GGUAAAGCC           960         AUCGCCAUGC         GCUUUACC         14320         AUGGCCUGU           960         AUCGCAUGC         GCUUUACC         14320         AUGGCCUGU           960         AUGCCAUGC         GCUCCUGAC         14320         GAAAGGCC           960         AUGCGCCU         ACUCCUGAC         14322         GAAAGGCC           961         AACAGCCA         ACUCCUGAC         14323         GUCAGCAGC           961         AACAGCCA         ACUCCUGAC         14324         CCCCAAAGC           961         CUGACUUUG         GCUCCAAUC         14326         GAAAGGAC           961         CUGACUUUG         GCUCCAAUC         14326         GAAAGGAC	├	O	14312	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36047
9723         UGGAGCGA G GUGGCAAA         14314         UUUGCCAC           9720         AGCGAGGU G GCAAAGCG         14315         CGCUUUGC           9712         GGCAAAGC G AUCGUCCA         14316         UGGACGAU           9703         AUCGUCCAG G GCUUUAC         14319         GGUAAAGCC           9701         CGUCCAGG G GCUUUAC         14319         GGUAAAGCC           9604         AGCCAUGC G GCUUUAC         14320         AUGGCCUU           9660         AUGGCGCU G ACAGCCAU         14320         AUGGCCUGU           9660         AUGCGCCC         GCUUCAGC         14320         AUGGCCUGU           9660         AUGCGCC         G ACUCCUUC         14321         GACUCAGC           9675         UCUCCACU         G ACUCUUC         14321         GACACCAGC           9660         AUGCGCCA         G ACUCCUUC         14322         GAAAGGAC           9610         AACAGCCA         G ACUCCUUC         14323         GUCAGGAC           9610         AACAGCCA         G GCCCAAAGC         14324         CCCCAAAGC           9610         AACAGCCA         G GCCCAAACC         14326         GAAAGGAC           9610         CCUUUUGU         G GCCAAACC         14326         GAAAGGAC	┞	O	14313	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36048
9720         AGCGAGGU G GCAAAGCG         14315         CGCUUUGC           9712         GGCAAAGC G AUCGUCA         14316         UGGACGAAGC           9703         AUCGUCCAG G GGCUUUAC         14319         GGDAAAGCC           9702         UCGUCCAGG G GGUUUACC         14319         GUAAAGCC           9664         AGCCAUGC G GCUUUACC         14320         AUGGCUGU           9660         AUGGCGCU         ACAGCCAU         14320         AUGGCUGU           9660         AUGCGGCU         GCUUCAGU         14321         GACUCAGC           9660         AUGCGGCU         GCUUCAGC         14322         GAAAGGAC           9660         AUGCGCCA         GCUCCUUCC         14323         GUCAGGAC           9670         AACAGCCA         GCUCCUUCC         14323         GUCAGGAC           9610         AACAGCCA         GCUCCUUCC         14324         CCCCAAAGU           9610         AACAGCCA         GCUCCUUCC         14324         CCCCAAAGU           9610         CCUUUUGU         GCCCAAUCC         14326         GAAAGGAC           9610         CCUUUUGU         GCCCAAACU         14326         GAAAGGAC           9610         CCUUUUGU         GCCCAAACU         14326	┞	O	14314	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36049
9712         GGCAAAGC G AUCGUCCA         14316         UGGACGAAGC           9703         AUCGUCCAG G GGCUUUAA         14317         UAAAGCCC           9702         UCGUCCAGG G GCUUUACC         14319         GUNAAGCC           9701         CGUCCAGG G GCUUUACC         14319         GGUAAAGCC           9675         UCUCCACU G ACAGCCAU         14320         AUGGCUGU           9660         AUGCGGCU G ACUUUACC         14321         GACUCAGC           9660         AUGCGGCU G ACUUUACC         14322         GAAAGGACU           9624         CAGGUCCU         ACUUUGGG         14322         GAAAGGAC           9618         CUGACUUU         14323         GUCAGGAC           9619         CAGGUCCU         ACUUUGGG         14324         CCCAAAGU           9610         CAGGUCCU         ACUUUGGG         14325         AAAGGACC           9610         CAGGUCCU         ACUUUGGG         14326         GAAAGGAC           9610         CAGUUUGU         GCCCAAAGU         14326         GAAAGGACC           9610         CAUUUGU         GCCCAAACU         14326         GAAAGGACC           9521         CACCCAACCUU         14326         GAAAGGACC         9530         GACCAAGCU         GCCAAGG	┝	ט	14315	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36050
9703         AUGGUCCA G GGCUUUA         14317         UAAAGCCC           9702         UCGUCCAG G GCUUUAC         14318         GUAAAGCC           9701         CGUCCAGG G GCUUUACC         14319         GGUAAAGC           9675         UCUCCACU G ACAGCCAU         14320         AUGGCUGU           9664         AGCCAUGC G GCUUAAGU         14321         GACUCAGC           9660         AUGCGGCU G ACUUUAC         14322         GAAAGGCU           9624         CAGGUCCU         ACUUUGG         14323         GUCAGGAC           9618         CAGGUCCU         ACUUUGG         14324         CCCAAAGU           9619         CAGGUCCU         ACUUUGG         ACUUUGG         AAAGGACC           9610         CAGGUCCU         ACUUUGG         ACCCAAAGU         14325         AAAAGGAC           9610         CACUUUGG         GCCCAAUC         14326         GAAAGGAC         9500         CCCUUUUG         GCCCAAUC         14326         GAAAGGAC           9510         CACCUUUGG         GCCCAAUC         14326         GAAAGGAC         9500         CCCUUUGG         GCCCAAUC         14336         GAAAGGAC           9520         ACCAGCUG         GCCAAGGUC         GCCAAGGUC         14331         ACUUCCAAC	L	a	14316	1	36051
9702         UCGUCCAGG G GCUUUACC         14318         GUAAAGCC           9701         CGUCCAGG G GCUUUACC         14319         GGUAAAGC           9675         UCUCCACU G ACAGCCAU         14320         AUGGCUGU           9664         AGCCAUGC G GCUGAGUC         14321         GACUCAGC           9660         AUGCGGCU G ACUUUGC         14322         GAAAGGCU           9610         AACAGCCA G GUCCUUUC         14323         GUCAGGAC           9610         AACAGCCU G ACUUUGG         14324         CCCAAAGU           9617         UGACUUUGU G GUCCUUUC         14325         AAAGGACC           9610         CCUUUUGU G GUCCUUUC         14326         GAAAGGAC           9610         CCUUUUGU G GUCCUUUC         14326         GAAAGGAC           9610         CCUUUUGU G GCCCAAUC         14326         GAGAAACU           9521         CAUCAUUG G GCCCAAUC         14326         GAGAAACU           9540         ACCAGCUG G GCCAAUC         14331         CUGGCCGU           9541         CACCAGCU G GCCAAGU         14332         ACCUGGC           9540         ACCAGCUG G GCCAAGU         14334         ACUUUCAC           9531         GACGGCCA G GUUGGUGA         14334         ACUUUCAC	┝	Ø	14317	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36052
9701         CGUCCAGG G GCUUNACC         14319         GGUAAAGC           9675         UCUCCACU G ACAGCCAU         14320         AUGGCUGU           9664         AGCCAUGC G GCUGAGUC         14321         GACUCAGC           9660         AUGCGGCU G ACUUUGG         14322         GAAAGGCU           9610         AACAGCCA G GUCCUUUC         14323         GUCAGGAC           9610         CAGGUCCU         14323         GUCAGGAC           9610         CAGGUCCU         14325         AAAGGACC           9610         CAGGUCCU         14325         AAAGGACC           9610         CAGACUUU         14325         AAAGGACC           9610         CAGACUUU         14325         AAAGGACC           9610         CCUUUUGU         GCCCAAUC         14326         GAAAGGAC           9610         CCUUUUGU         GCCCAAUC         14326         GAAAGGAC           9521         CAUCCUUU         14326         GAAAGGAC           9540         ACCAGCU         GCCAAGUC         14331         CUGGCCGU           9541         CACCAGCU         GCCAAGGU         14332         ACCUGGC           9522         GACGAGGU         GCCAAGGU         14334         ACUUCCAAC      <	-	Ø	14318	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36053
9675         UCUCCACU G ACAGCCAV         14320         AUGGCUGU           9664         AGCCAUGC G GCUGAGUC         14321         GACUCAGC           9660         AUGGGGCU G AGUCUUUC         14322         GAAAGACU           9630         AACAGCCA G GUCCUUUC         14323         GUCAGGAC           9618         CAGGUCCU G ACUUUGGG         14324         CCCCAAAGU           9619         UGACUUUG G GUCCUUUC         14325         AAAGGACC           9600         CCUUUUGU G GUCCAUUC         14326         GAAAGGAC           9500         CCUUUUGU G GUCCAUUC         14326         GAAAGGAC           9510         CAUCAUUG G GUCCAUC         14326         GAAAGGAC           9521         CAUCAUUG G GCCAAUC         14326         GAAAGGAC           9531         CAUCAUCG G GCCAAUC         14329         UGACCGUC           9541         CACCAGCU G GCCAAUC         14339         UGACCGUC           9540         ACCAGCUG G GCCAAUC         14331         CUGGCCGU           9541         CACCAGCU G GCCAAUC         14332         ACCCGCC           9532         GACGGCCA G GUCGUGG         14333         ACCCCAAC           9526         AGCCAGGU G GCCAGGUG         14334         ACUUCCAAC           <	┡	ø	14319	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36054
9664         AGCCANGG G GCUGAGUC         14321         GACUCAGG           9660         ANGCGGCU G AGUCUUUC         14322         GAAAGACU           9630         AACAGCCA G GUCCUUUC         14323         GUCAGGAC           9618         CAGGUCCU G ACUUUGGG         14324         CCCAAAGU           9619         CUGACUUU G GGUCCUUUC         14325         AAAGGACC           9610         CCUUUUGU G GUCCUUUC         14326         GAAAGGAC           9600         CCUUUUGU G GUCCAUUC         14326         GAAAGGAC           9581         CAUCAUUG         GCCAAUC         14326         GAAAGGAC           9580         AUCAUUGG         GCCAAUC         14328         GAUUGGC           9541         CACCAGCU         GCCAAUCA         14328         GAUUGGC           9540         ACCAGCU         GACCAGCA         14339         UGACCGU           9541         CACCAGCU         GACCAGUCA         14331         CUGGCCGU           9552         AGCUGGAC         GUUGGUCA         14334         ACUUUCAC           9526         AGGUGGCA         GUUGGUAAAGU         14334         ACUUUCAC           9526         AGGUUGGU         AAAGUUUG         14335         ACCUACGCC <t< td=""><td><u> </u></td><td>ပ</td><td>14320</td><td>GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG</td><td>36055</td></t<>	<u> </u>	ပ	14320	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36055
9660         ANGEGGCU G AGUCUUUC         14322         GAAAGACU           9630         AACAGCCA G GUCCUGAC         14323         GUCAGGAC           9624         CAGGUCCU G ACUUUGGG         14324         CCCAAAGU           9618         CUGACUUU G GGUCCUUUC         14325         AAAGGACC           9610         UGACUUUG G GUCCUUUC         14326         GAAAGGAC           9600         CCUUUUGU G GUCCAAUC         14326         GAAAGGAC           9581         CAUCAUCU G GCCAAUC         14328         GAUUGGCC           9580         AUCAUCUG G GCCAAUC         14328         GAUUGGCC           9541         CACCAGCU G GCCAAUCA         14339         UGGCCGU           9540         ACCAGCUG G GCCAAUCA         14339         UGGCCGU           9541         CACCAGCU G GCCAAUCA         14331         CUGGCCGU           9540         ACCAGCUG G ACCGCAGU         14331         ACCCAGCG           9537         AGCUGGAC G GUUGGUGA         14334         ACCUUCGC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUCCAAC           9526         AGGUUGGU G AAAGUGUU         14335         ACCUACCC           9514         AGGUUUGG G GCGUAGG         14336         CCUACGCC	-	ø	14321	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36056
9630         AACAGCCA G GUCCUGAC         14323         GUCAGGAC           9624         CAGGUCCU G ACUUUGGG         14324         CCCAAAGU           9618         CUGACUUU G GGUCCUUU         14325         AAAGGAC           9617         UGACUUUGU G GUCCUUUC         14326         GAAAAGGAC           9580         CCUUUUGU G GUCCAAUC         14328         GAAAAGGAC           9581         CAUCAUCU G GCCAAUC         14328         GAUUUGGC           9580         AUCAUCUG G GCCAAUCA         14328         GAUUUGGC           9541         CACCAGCU G GCCAAUCA         14329         UGAUUGGC           9540         ACCAGCU G GCCAAUCA         14332         AGCCGGC           9537         AGCUGGAC         GCCAAGGU         14333         ACCUGGC           9528         GCCAGGUA         GUGAAAGU         14334         ACUUUCAC           9529         AGCUGGCA         GUGAAAGU         14334         ACUUUCAC           9526         AGGUUGGA         GUGAAAGU         14334         ACUUUCAC           9527         AGGUUGGA         GUGAAAGU         14335         AACACUUU           9528         AGGUUGGA         GAGGCCAA         14335         AACACUUU           9514         AGGUUUAG	_	Ø	14322	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36057
9624         CAGGUCCU G ACUUUGGG         14324         CCCRAAGU           9618         CUGACUUU G GGUCCUUU         14325         AAAGGACC           9617         UGACUUUG G GUCCUUUC         14326         GAAAGGAC           9600         CCUUUUGU G GUCCAUC         14328         GAGAAACU           9581         CAUCAUCU G GCCAAUC         14328         GAUUGGCC           9580         AUCAUCUG G GCCAAUC         14329         UGAUUGGC           9541         CACCAGCU G GCCAAUCA         14329         UGAUUGGC           9540         ACCAGCUG G ACGGCCA         14332         AGCCGGC           9537         AGCUGGAC G GUUGGUGA         14333         ACCUGGC           9528         GCCAGGUU G GCCAGGUU         14334         ACUUUCAC           9529         AGGUUGGU G GUGAAAGU         14334         ACUUUCAC           9526         AGGUUGGU G GUGAAAGU         14334         ACUUUCAC           9527         AGGUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUUUUGG G GCGUAGG         14335         AACACUUC	├-	Ø	14323	GUCAGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCUGUU	36058
9618         CUGACUUU G GGUCCUUUC         14325         AAAGGACC           9617         UGACUUUG G GUCCUUUC         14326         GAAAGGAC           9600         CCUUUUGU G GUCCAUC         14328         GAGAAACU           9581         CAUCAUCU G GCCAAUC         14328         GAUUGGCC           9580         AUCCACCU G GCCAAUCA         14329         UGAUUGGC           9541         CACCAGCU G GCCAAUCA         14339         UGGCCGUC           9540         ACCAGCUG G ACGGCCA         14330         UGGCCGUC           9531         AGCUGGAC         GCCAGGU         14331         ACCUUCAC           9528         GCCAGGU         GUGAAAGU         14334         ACUUUCAC           9529         AGGUUGGU         GUGAAAGU         14334         ACUUUCAC           9526         AGGUUGGU         AAAGUGUU         14334         ACUUUCAC           9527         AGGUUGGU         AAAGUGUU         14335         AACACUUU           9514         AGUUUUAG G GCGUAGG         14335         ACCUACGC           9513         AGGUUUAG G GCGUAGG         14335         ACCUACGC	-	O	14324	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36059
9617         UGACUUUG G GUCCUUUC         14326         GAAAGGAC           9600         CCUUUUGU G AGUUUCUC         14327         GAGAAACU           9581         CAUCAUCU G GCCAAUC         14328         GAUUGGCC           9580         AUCAUCUG G GCCAAUCA         14329         UGAUUGGC           9541         CACCAGCU G GACGCCA         14330         UGGCCGUC           9540         ACCAGCUG G ACGGCCA         14331         CUGGCCGUC           9537         AGCUGGAC         GCCAGGUU         14331         ACCUGGC           9532         GACGGCCA         GUGGAAAGU         14333         ACCUUCAC           9528         GCCAGGUU         GUGAAAAGU         14334         ACUUUCAC           9525         AGGUUGGU         AAAGUGUU         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14335         AACACUUU           9513         AGGUUUAG         CCUACGCC           9514         AGUGUUUA G GCGUAGG         14335         ACCUACGC		O	14325		36060
9600         CCUUUUGU G AGUUUCUC         14327         GAGAAACU           9581         CAUCAUCU G GGCCAAUC         14328         GAUUGGCC           9580         AUCAUCUG G GCCAAUCA         14329         UGAUUGGC           9541         CACCAGCU G GACGGCCA         14330         UGGCCGUC           9540         ACCAGCUG G ACGGCCAG         14331         CUGGCCGUC           9537         AGCUGGAC         GUUGGUGA         14331         AACCUGGC           9528         GCCAGGUU         GUUGGUGA         14333         UCACCAAC           9525         AGGUUGGU         GUGAAAGU         14334         ACUUUCAC           9514         AGUUUGGU         AAAGUGUU         14335         AACACUUU           9525         AGGUUGGU         GAGGAAGU         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUA G GCGUAGG         14336         CCUACGCC	├	O	14326	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36061
9581         CAUCAUCU G GGCCAAUCA         14328         GAUUGGCC           9580         AUCAUCUG G GCCAAUCA         14329         UGAUUGGC           9541         CACCAGCU G GACGGCCA         14330         UGGCCGUC           9540         ACCAGCUG G ACGGCCAG         14331         CUGGCCGUC           9537         AGCUGGAC         14331         AACCUGGC           9532         GACGGCCA         14333         UCACCAAC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGG         14336         ACCUACGC	-	U	14327	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36062
9580         AUCAUCUG G GCCAAUCA         14329         UGAUUGGC           9541         CACCAGCU G GACGGCCA         14330         UGGCCGUC           9540         ACCAGCUG G ACGGCCAG         14331         CUGGCCGU           9537         AGCUGGAC G GCCAGGUU         14332         AACCUGGC           9532         GACGGCCA G GUUGGUGA         14333         ACCUGGC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACCUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGG         14336         ACCUACGC	⊢	O	14328		36063
9541         CACCAGCU G GACGGCCA         14330         UGGCCGUC           9540         ACCAGCUG G ACGGCCAG         14331         CUGGCCGU           9537         AGCUGGAC G GCCAGGUU         14332         AACCUGGC           9532         GACGGCCA G GUUGGUGA         14333         UCACCAAC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACACCUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGG         14336         CCUACGCC	-	Ø	14329	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36064
9540         ACCAGCUG G ACGGCCAG         14331         CUGGCCGU           9537         AGCUGGAC G GCCAGGUU         14332         AACCUGGC           9532         GACGGCCA G GUUGGUGA         14333         UCACCAAC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACCACUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGG         14336         CCUACGCC	H	O	14330	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36065
9537         AGCUGGAC G GCCAGGUU         14332         AACCUGGC           9532         GACGGCCA G GUUGGUGA         14333         UCACCAAC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACACCUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGG         14336         ACCUACGCC	-	O	14331	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36066
9532         GACGGCCA G GUUGGUGA         14333         UCACCAAC           9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGGU         14337         ACCUACGC	├	Ø	14332	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36067
9528         GCCAGGUU G GUGAAAGU         14334         ACUUUCAC           9525         AGGUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUGUUUA G GCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGGU         14337         ACCUACGC	L	o	14333	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36068
9525         AGGUUGGU G AAAGUGUU         14335         AACACUUU           9514         AGUGUUUA G GCCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGGU         14337         ACCUACGC	-	Ø	14334	ACUUUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUGGC	36069
9514         AGUGUUUA G GGCGUAGG         14336         CCUACGCC           9513         GUGUUUAG G GCGUAGGU         14337         ACCUACGC	ļ	O	14335	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36070
9513 GUGUJUAG G GCGUAGGU 14337 ACCUACGC		ø	14336	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36071
	Щ	Ø	14337	ACCUACGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAAACAC	36072

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1523	9507	AGGGCGUA G GUGACAAC	14338	GUIGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGCCCU	36073
1526	9504	GCGUAGGU G ACAACUUG	14339		36074
1549	9481	ccccncn e vacancac	14340	GAGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGGGGG	36075
1559	9471	ย	14341	GUUAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGA	36076
1560	9470	ט	14342	UGUNAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAG	36077
1562	9468	ø	14343	GAUGUDAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAGAGA	36078
1574	9456	ø	14344	AGAACCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGAUGU	36079
1577	9453	uccaugac e guucuucc	14345	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAUGGA	36080
1596	9434	စ သ	14346	GAUGCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGCUG	36081
1597	9433	AGCAGCCG G GCGCAUCA	14347	UGAUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCUGCU	36082
1621	9409	D	14348	ccuauceu egacgaaacucccuucaaggacauceuccege acaaaguu	36083
1624	9406	UUUGUGAC G AUAGGUGA	14349	UCACCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCACAAA	36084
1628	9402	UGACGAUA G GUGAGCUC	14350	GAGCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCGUCA	36085
1631	9399		14351	AUUGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCUAUCG	36086
1640	9390	ø	14352	AGGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAGCU	36087
1643	9387	UCAAUGAU G GCCCUGGC	14353	GCCAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUUGA	36088
1649	9381	ប	14354	CGUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCCAU	36089
1654	9376	Ø	14355	AUCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGCCAGG	36090
1660	9370	Ð	14356		36091
1718	9312	ø	14357	ACCCGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAGAGC	36092
1723	9307	פ	14358	GGGACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAUCACG	36093
1724	9306	ខ្ល	14359	UGGGACAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGCAUCAC	36094
1754	9276	O	14360		36095
1767	9263	ᇰ	14361	- 1	36096
1771	9259	ø	14362	UUGGCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCUGGG	36097
1772	9258	U	14363	GUUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGCCUGG	36098
1789	9241	១	14364		36099
1790	9240	0	14365	GGUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCGUGA	36100
1807	9223	o	14366		36101
1808	9222	۳	14367	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36102
1810	9220	5 K	14368		36103
1823	9207	ט	14369	GGAGGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGCUU	36104
1836	9194	O	14370	AAAGAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGAG	36105
1858	9172	ø	14371	AUGAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGCUU	36106
1868	9162	O	14372	GGUUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAAGA	36107
1870	9160	8	14373	UGGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUGAA	36108
1879	9151	8 8	14374	UCGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUUUU	36109
1886	9144	O	14375	CUGGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGCUCU	36110
1894	9136	9	14376		36111
1900	9130	CAGAAAGC G AGCUCCGA	14377	UCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUUUCUG	36112

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1907	9123	ט	14378	AUGUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGAGCTICG	36113
1916	9114	ט	14379	AUTUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUGUGGCU	36114
1925	9105	Ø	14380	AGCAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUUUGGUU	36115
1940	9090	<b>മോദാവന</b> ഭ ഭാവസാ	14381	GGAAAGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	1 1	AAGGGAAG	36116
1949	9081	eccnonce e vycococ	14382	GGAGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGAAAGGC	36117
1958	9072	ø	14383	AAAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GGAGAGUU	36118
1959	106	ACUCUCCG G GUUUUUC	14384	GAAAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CGGAGAGU	36119
2002	9028	acaagudu e acauuccc	14385	GGGAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACACUUGC	36120
2017	9013	ccccecy e ynaneccn	14386	AGGCACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UGCGGGGG	36121
2058	8972	AAAAUUUU G GAUCUUCA	14387	UGAAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAAUUUU	36122
2059	8971	AAAUUUUG G AUCUUCAA	14388	UUGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CAAAAUUU	36123
2078	8952		14389	AGGAGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGAGAAGC	36124
2092	8838	Ø	14390	AGCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AAUGGAGG	36125
2111	8919	UCAAACAU G GCACCCAA	14391	UNGGGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUGUUUGA	36126
2135	8895	50 CC	14392	AGAAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AACAGCAA	36127
2147	8883	UUUCUUAU G AAUUCCUC	14393	GAGGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUAAGAAA	36128
2158	8872	JC G	14394	UGUGCUCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		GAGAGGAA	36129
2160	8870		14395	AAUGUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UCGAGAGG	36130
2171	8859	O	14396	AAACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AGAAUGUG	36131
2172	8828	უ	14397	AAAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CAGAAUGU	36132
2173	8857	CAUUCUGG G ACGUUUUU	14398	AAAAACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CCAGAAUG	36133
2186	8844	ס	14399	UUUUUGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AGAGAAAA	36134
2210	8820	Ð	14400	GAGACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AACUGGUU	36135
2213	8817	0 D	14401	AAUGAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACCAACUG	36136
2222	8808	Ö	14402	UACGUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAUGAGAC	36137
2244	8786	5. 9	14403	UGAACCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AGAAGGAG	36138
2247	8783	ø	14404	UCCUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		GCCAGAAG	36139
2253	8777	8 8	14405	GAAAGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		UGAACCGC	36140
2254	8776	9 9	14406	CGAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		CUGAACCG	36141
2279	8751	Ф	14407	CGAGUGUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AAAGAGAA	36142
2297	8733	Ð	14408	ACUCCCUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	1 1	GGGCAGCA	36143
2300	8730	Ø	14409		1	UUCGGGCA	36144
2301	8729	9 9	14410	CACUACUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		വസദേദദേ	36145
2302	8728	3G G	14411	ACACUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		cconcege	36146
2318	8712	UCAGUCAU G GCCAUGGU	14412	ACCAUGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AUGACUGA	36147
2324	8706	O	14413	GUUACCAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	l i	AUGGCCAU	36148
2327	8703	ט	14414	AAUGUUAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		ACCAUGGC	36149
2339	8691	ACAUUCGU G AUGGUGUC	14415	GACACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		ACGAAUGU	36150
2342	8688	0	14416	UGGGACAC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG		AUCACGAA	36151
2352	8678	ивиссски в виливав	14417	CUCAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		AUGGGACA	36152

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2358	8672	AUGGUUUU G AGAGGAGC	14418		36153
2360	8670	GGUUUUGA G AGGAGCCU	14419		36154
2362	8998	UUUUGAGA G GAGCCUGA	14420	UCAGGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCAAAA	36155
2363	8667	UUUGAGAG G AGCCUGAC	14421	GUCAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCAAA	36156
2369	8661	AGGAGCCU G ACCACUCC	14422	GGAGUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCUCCU	36157
2381	8649	ACUCCAUU G ACCAGGGA	14423	ucecueeu geaggaaacucccuucaagaacauceuccege aauggagu	36158
2388	8642	UGACCAGC G AACUGGCG	14424	CGCCAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUGGUCA	36159
2393	8637	AGCGAACU G GCGGAGCC	14425	GECUCCEC GEAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUCGCU	36160
2396	8634	GAACUGGC G GAGCCUGU	14426	ACAGGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGUUC	36161
2397	8633	AACUGGCG G AGCCUGUG	14427	CACAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCCAGUU	36162
2405	8625	GAGCCUGU G GGCUUCAC	14428	GUGAAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGCUC	36163
2406	8624	AGCCUGUG G GCUUCACA	14429	UGUGAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGGCU	36164
2428	8602	ACUGCCGU G AUAGUUCC	14430	GGAACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCAGU	36165
2438	8592	UAGUUCCA G GUUCUAUA	14431	UAUAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAACUA	36166
2448	8582	UUCUAUAU G GGUGGUUC	14432	GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAUAGAA	36167
2449	8581	UCUAUAUG G GUGGUUCU	14433	AGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAUAGA	36168
2452	8578	AUAUGGGU G GUUCUCAU	14434	AUGAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCAUAU	36169
2464	9286	CUCAUCGU G GUGCCACG	14435	CGUGGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUGAG	36170
2475	8555	GCCACGUC G AACUGUAC	14436	GUACAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGUGGC	36171
2492	8538	UCACGCCU G AGUCGUUC	14437		36172
2513	8517	CUGUUCUU G AUUUUACU	14438	AGUADAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACAG	36173
2522	8208	AUTUTACO G GUGUCUGA	14439	UCAGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUAAAAU	36174
2529	8501	UGGUGUCU G AGUUGAGC	14440	GCUCAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACACCA	36175
2534	8496	UCUGAGUU G AGCAGGG	14441	CCCCUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AACUCAGA	36176
2539	8491	Ö	14442		36177
2540	8490	UUGAGCAG G GGUUUUCC	14443	GGAAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCUCAA	36178
2541	8489	ивавсава в вилииссс	14444	GGGAAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUGCUCA	36179
2558	8472	ACCECCO G GUUCCACU	14445	AGUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCGGU	36180
2593	8437	_	14446	- 1	36181
2594	8436	UCGUADUG G GGUCCCUU	14447	AAGGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUACGA	36182
2595	8435	Ð	14448	ı	36183
2606	8424	ย	14449	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36184
2629	8401	UCUUCCUA G GAGCACCU	14450	AGGUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGAAGA	36185
2630	8400	CUUCCUAG G AGCACCUG	14451	CAGGUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUAGGAAG	36186
2638	8392	GAGCACCU G GCUGGUCA	14452	UGACCAGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGUGCUC	36187
2642	8388	ACCUGGCU G GUCAUAUU	14453	AAUAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCAGGU	36188
2655	8375	Ð	14454		36189
2673	8357	Ð	14455		36190
2680	8350	UGAAGCUC G ACUCACCC	14456	GGGUGAGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GAGCUUCA	36191
2705	8325	uceueceu e eaauucce	14457	CGGAAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGCACGA	36192

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2706	8324	CGUGCGUG G AAUUCCGU	14458	ACGGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACGCACG	36193
2715	8315	AAUUCCGU G AGAGUGGG	14459		36194
2717	8313	UUCCGUGA G AGUGGGUU	14460	AACCCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACGGAA	36195
2721	8309	GUGAGAGU G GGUUUCUG	14461	CAGAAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCUCAC	36196
2722	8308	UGAGAGUG G GUUUCUGA	14462	UCAGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUCUCA	36197
2729	8301	GGGUUUCU G ACCAGUCC	14463	GGACUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAACCC	36198
2749	8281	CCCAUACC G GCGUUGGA	14464	UCCAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUAUGGG	36199
2755	8275	CCGGCGUU G GAGCAGCU	14465	AGCUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGCCGG	36200
2756	8274	CGGCGUUG G AGCAGCUC	14466	GAGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGCCG	36201
2777	8253	UUCUCUAU G ACUUUCGG	14467	CCGAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGAGAA	36202
2784	8246	UGACUTUC G GCAUGUAG	14468	CUACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAAGUCA	36203
2792	8238	GGCAUGUA G GGGCAGAG	14469	CUCUGCCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UACAUGCC	36204
2793	8237	GCAUGUAG G GGCAGAGC	14470	. !	36205
2794	8236	CAUGUAGG G GCAGAGCA	14471	UGCUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUACAUG	36206
2798	8232	UAGGGCA G AGCACCUU	14472	AAGGUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCCCUA	36207
2823	8207	AUUCCCUU G GCCCUCGG	14473	CCGAGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAU	36208
2830	8200	UGGCCCUC G GUGCAGCC	14474	GGCUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGGGCCA	36209
2857	8173	CAUTUCAA G GACCCGAA	14475	UUCGGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAUG	36210
2858	8172	AUTUCAAG G ACCCGAAU	14476	AUUCGGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAAAU	36211
2863	8167	AAGGACCC G AAUCGUCC	14477	GGACGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUCCUU	36212
2895	8135	ຍ	14478	GUCCUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGCUG	36213
2898	8132	CACUUGAC G AGGACUCU	14479	AGAGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAAGUG	36214
2900	8130	CUUGACGA G GACUCUCC	14480	GGAGAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUCAAG	36215
2901	8129	UUGACGAG G ACUCUCCG	14481	CGGAGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCGUCAA	36216
2909	8121	Ð	14482	UGUGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGAGUC	36217
2920	0118	O	14483	ACACCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUGAC	36218
2921	8109	9 6	14484		36219
2923	8107	O	14485	1	36220
2924	8106	9 6	14486	- 1	36221
2940	8090	Ð	14487	- 1	36222
2943	8087	9	14488	CUACAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGAGU	36223
2951	8079	D	14489		36224
2975	8055	CUCUUCAU G GUGACAAU	14490	AUUGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAG	36225
2978	8052	UUCAUGGU G ACAAUGUU	14491	AACAUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUGAA	36226
3010	8020		14492	AAGAGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUAGUG	36227
3011	8019	Q	14493	GAAGAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACUAGU	36228
3012	8018	Ð	14494		36229
3026	8004	B	14495	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36230
3027	8003	CAUGUCCG G GACCGCCC	14496	GGGCGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGACAUG	36231
3028	8002	AUGUCCGG G ACCGCCCU	14497	AGGCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGACAU	36232

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3050	7980	UACCCUCU G ACUUCUUG	14498	1 1	36233
3058	7972	GACUUCUU G GACUCUUU	14499	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36234
3059	7971	ACUUCUUG G ACUCUUUU	14500	AAAAGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGAAGU	36235
3070	7960	UCUTUTUT G GGUUGCCA	14501	UGGCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAAAAGA	36236
3071	7959	CUUTUTUG G GUUGCCAU	14502	AUGGCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAAAAAG	36237
3112	7918	ACAUCCAA G GUCAAUCA	14503		36238
3128	7902	ACUUUUCC G ACCGGUUC	14504	GAACCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAAAGU	36239
3132	7898	UUCCGACC G GUUCGAGA	14505	UCUCGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUCGGAA	36240
3137	7893	ACCEGUUC G AGAAACCU	14506	AGGUUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCGGU	36241
3139	7891	CGGUUCGA G AAACCUCC	14507	GGAGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAACCG	36242
3152	7878	CUCCGUUC G ACCAGCCA	14508	UGGCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACGGAG	36243
3183	7847	UGCCCCUA G AGACUGGA	14509	UCCAGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGGGGCA	36244
3185	7845	CCCCUAGA G ACUGGAUG	14510	CAUCCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGGGG	36245
3189	7841	UAGAGACU G GAUGCCCU	14511	AGGGCAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCUCUA	36246
3190	7840	AGAGACUG G AUGCCCUC	14512	GAGGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUCUCU	36247
3203	7827	CCUCCAGU G ACAUUGCC	14513	GGCAAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGGAGG	36248
3221	7809	ucuuuccu e eceueuuu	14514	AAACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAAAGA	36249
3237	7793	UUGCCGCU G AGCGAUCG	14515	CGAUCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCAA	36250
3241	7789	CGCUGAGC G AUCGACUU	14516	AAGUCGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCAGCG	36251
3245	7785	GAGCGAUC G ACUUCGAU	14517	AUCGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUCGCUC	36252
3251	7779	UCGACUUC G AUGAUGGC	14518	GCCAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGUCGA	36253
3254	7776	ACTUCGAU G AUGGCCUC	14519	- 1	36254
3257	7773	UCGAUGAU G GCCUCUUU	14520	AAAGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUCGA	36255
3268	7762	CUCUTUGE G GUACEUAG	14521		36256
3278	7752	Ð	14522	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36257
3298	7732	UGUCAUCU G GUUGAGUC	14523	GACUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGACA	36258
3302	7728	AUCUGGUU G AGUCUUUC	14524	GAAAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCAGAU	36259
3329	7701	UCUCCCAA G GUGCGUCC	14525	GGACGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGA	36260
3363	7667	UNAGUCCU G GUUUUUCC	14526		36261
3383	7647	UUCUUUAU G AGUGUCCA	14527		36262
3398	7632	Ø	14528		36263
3399	7631	AUGUUAUG G AUAGACAU	14529		36264
3403	7627	UAUGGAUA G ACAUGACA	14530	UGUCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCCAUA	36265
3408	7622	AUAGACAU G ACAACCAA	14531	UUGGUUGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGUCUAU	36266
3428	7602	CCACGCAU G AUGUGGCA	14532	- 1	36267
3433	7597	CAUGAUGU G GCAGAGUC	14533	GACUCUGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACAUCAUG	36268
3437	7593	AUGUGGCA G AGUCCGAU	14534		36269
3443	7587	CAGAGUCC G AUGGCAGU	14535	ACUGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGACUCUG	36270
3446	7584	AGUCCGAU G GCAGUUGU	14536	ACAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGGACU	36271
3468	7562	UCCAAACA G AGCUUGCU	14537	AGCAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUUGGA	36272

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3503	/52/	ဗ ဗ	14538	- 1	36273
3509	7521	0	14539	AUUTUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGCCGC	36274
3521	7509	Ø	14540	CGAGAAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUUU	36275
3543	7487	UCUUCACA G ACGGGUUC	14541	GAACCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAAGA	36276
3546	7484	ø	14542	AGUGAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCUGUGA	36277
3547	7483	O	14543	UAGUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUCUGUG	36278
3568	7462	P G	14544	UGGUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCUGCA	36279
3570	7460	Ö	14545	CUUGGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAGCUG	36280
3578	7452	б	14546	AUGCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUGUC	36281
3587	7443	AUCAGCAU G AUCUGUCC	14547	GGACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUGAU	36282
3611	7419	nncnecyn e ynecenen	14548		36283
3614	7416	UGCAUGAU G GGUGUGGU	14549	ACCACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAUGCA	36284
3615	7415	9 6	14550	CACCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAUGC	36285
3620	7410	AUGGGUGU G GUGCGCUC	14551	1	36286
3636	7394	CUAAUUCU G GGACGUCC	14552	GGACGUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUUAG	36287
	7393	Ö	14553	CGGACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAUUA	36288
$\dashv$	7392	9 €	14554	ACGGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGAAUU	36289
-	7383	O	14555	AUCGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGACGU	36290
	7377	O	14556		36291
4	7350	Ð	14557	GCCGGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAAGAA	36292
-	7344	Ð	14558	ACAGCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUCAU	36293
$\dashv$	7327	ס	14559	GCUCAGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGGCGG	36294
-	7326	D	14560	CGCUCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCGGCG	36295
4	7322	Ö	14561	AAUGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCCAGC	36296
+	7296	미	14562	AUGGUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUUGGCA	36297
-	7295	Ö	14563	CAUGGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUUGGC	36298
-	7294	Ö	14564	ACAUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGUUGG	36299
4	7284	٥	14565		36300
+	7276	ø	14566	- 1	10696
+	7267	ø	14567	CAACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUUGC	36302
$\dashv$	7266	ט	14568	GCAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUUUG	36303
+	7242	0	14569	ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUUACGGU	36304
+	7239	0	14570	GUCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGUUAC	36305
+	7237	0	14571		36306
┽	7236	ø	14572	- 1	36307
4	7233	υ	14573	GGACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAC	36308
4	7215	O	14574	CUAGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGCUG	36309
$\dashv$	7204	Ö	14575	CGGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAGCA	36310
4	7203	O	14576		36311
3829	7201	UAGCAGGA G AGCCGACA	14577	UGUCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUGCUA	36312

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3834	7196	GRAGAGC G ACACTICCA	14578	TOTAL CONTROL OF THE PROPERTY	36313
╀	7182	D	14579	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36314
3851	7179	O	14580	UUCCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGAUGU	36315
H	7176	UCGACGAA G GGGAAGCC	14581	GGCUUCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCGUCGA	36316
Н	7175		14582	AGGCUUCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUUCGUCG	36317
Ч	7174		14583	GAGGCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCGUC	36318
Н	7173	Ø	14584	coaggetur gaaggaaacucccuucaaggacaucguccggg cccuucgu	36319
3869	1161	CCUCGCGC G AGUGUGAA	14585	UUCACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCGAGG	36320
3875	7155	GCGAGUGU G AAUAGUGC	14586	GCACUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUCGC	36321
3892	7138	ACUUGCCU G AACGUUUA	14587	UAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAAGU	36322
L	7127	CGUUDAUU G AGGUCAAU	14588	AUUGACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUAAACG	36323
3905	7125	UUUAUUGA G GUCAAUGA	14589	UCAUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAUAAA	36324
H	7118	AGGUCAAU G AGGUGUUG	14590	CAACACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGACCU	36325
Н	7116	GUCAAUGA G GUGUUGAU	14591	AUCAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUUGAC	36326
3920	7110	GAGGUGUU G AUGUAAUC	14592	GAUUACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACACCUC	36327
H	1100	UGUAAUCU G ACGUGAUC	14593	GAUCACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUUACA	36328
3935	7095	UCUGACGU G AUCAAAUG	14594	CAUUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUCAGA	36329
Н	9/0/	UNAGCAGU G GAGUGAGG	14595	CCUCACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGCUAA	36330
Н	7075	O	14596	UCCUCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACUGCUA	36331
_	1071	0	14597	GCGGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCACU	36332
Н	6904		14598	CAGCGGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCACUCCA	36333
Н	7068	m	14599	ACAGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACUCC	36334
H	7043	CGUACAGU G ACCAGGCU	14600	AGCCUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUACG	36335
Н	7038	b G	14601	GCAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGUCACU	36336
Н	7028	b	14602	CUUGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCAACAG	36337
Н	7012	P G	14603	GAGAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGGAC	36338
	9669		14604	GAGAAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUGGG	36339
4	6984	B D	14605	AUUGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAGAA	36340
$\dashv$	6942	ם	14606	GAUAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAGUGA	36341
Н	6915	២	14607	GUGGCAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGAGAU	36342
_	6895	O	14608	UCAUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGAGC	36343
Н	6894	3 G	14609	GUCAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGUGAG	36344
Н	6889	g	14610	AUTUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACCCU	36345
Н	6877		14611	cceueuuc eeaeeaaacucccuucaaeeacauceucceee ueauuueu	36346
-	9289	9 9	14612	GCCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUUG	36347
Н	6870	O	14613	CAGCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCCU	36348
Н	6862	J G	14614	CAGACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGCC	36349
-{	6848	D D	14615	GCAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGACAG	36350
-1	6833	Ø	14616	UCCUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAAGC	36351
4203	6827	CUGGCUCA G GAAUUAGC	14617	GCUAAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCCAG	36352

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4204	6826	UGGCUCAG G AAUUAGCA	14618	UGCUAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGCCA	36353
4223	6807	Ð	14619	UCCCUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUGAU	36354
4225	6805	ט	14620	UCUCCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUUGAUG	36355
4228	6802	ט	14621	UGCUCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUCUUG	36356
4229	6801	AAGAGAAG G GAGAGCAG	14622	CUGCUCUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUCUCUU	36357
4230	0089	AGAGAAGG G AGAGCAGC	14623	GCUGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUCUCU	36358
4232	6798	AGAAGGGA G AGCAGCAA	14624	UUGCUGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCCCUUCU	36359
4247	6783	AACAUUCC G GCGAUCUU	14625	AAGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUGUU	36360
4250	6780	AUUCCGGC G AUCUUCGU	14626	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCGGAAU	36361
4263	6767	UCGUUCCU G GAACUUCA	14627	UGAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACGA	36362
4264	9929	CGUUCCUG G AACUUCAG	14628	CUGAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACG	36363
4283	6747	AUCCAACA G AAAAAGGU	14629	ACCUUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGGAU	36364
4289	6741	CAGAAAA G GUCGCGAC	14630	GUCGCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUUCUG	36365
4295	6735	AAGGUCGC G ACUCCCAA	14631	UUGGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGACCUU	36366
4304	6726	ACUCCCAA G ACAGCGCC	14632	GCCGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGAGU	36367
4349	6681	CGCUGCAU G AGGAGGAA	14633	UUCCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCAGCG	36368
4351	6299	CUGCAUGA G GAGGAAGA	14634	UCUUCCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAUGCAG	36369
4352	8299	UGCAUGAG G AGGAAGAA	14635	UUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAUGCA	36370
4354	9299		14636	UAUUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCAUG	36371
4355	6675	O	14637		36372
4358	2299	AGGAGGAA G AAUACUCC	14638	GGAGUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCCU	36373
4370	0999	ACUCCCAU G GUCAUCAC	14639	GUGAUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGU	36374
4388	6642	CUCAAUAA G GCAAUCAA	14640	UUGAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAUUGAG	36375
4397	6633	Ф	14641	ACAAUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUUGC	36376
4408	6622	O	14642		36377
4411	6199	UGUCUGAA G AGCAUCUG	14643	CAGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGACA	36378
4419	1199	Ö	14644	GGAACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUGCUC	36379
4432	6298	ט	14645	- 1	36380
4433	6597	O	14646	AGAAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAGGA	36381
4444	6586	Ö	14647	GAAGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUG	36382
4469	1959	ø	14648	GUUGUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGCAGA	36383
4484	6546	O	14649	CUUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	36384
4514	9159	UUCCCCAU G AAGUGCUC	14650	GAGCACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGGAA	36385
4524	9059	AGUGCUCA G GCAUCUUU	14651	AAAGAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGCACU	36386
4537	6493	O	14652	UUGAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	36387
4547	6483	ប	14653	AUAGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAGGU	36388
4558	6472	CCCUAUCU G AGAACGUU	14654	AACGUUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAUAGGG	36389
4560	6470	CUAUCUGA G AACGUUUU	14655	AAAACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAGAUAG	36390
4572	6458	ט	14656	CUUCGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGAAAAC	36391
4574	6456	UUUCCCGA G GCGAAGUC	14657	GACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGGGAAA	36392

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4577	6453	CCCGAGGC G AAGUCCUU	14658	AAGGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCCUCGGG	36393
4586	6444	Ð	14659	AAGGCGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AAGGACUU	36394
4603	6427	O	14660	CGGAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AGGCACUA	36395
4606	6424	_	14661	ACUCGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	ACCAGGCA	36396
4611	6419	9	14662	GGUGUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GGAUCACC	36397
4622	6408	Ð	14663	AUUGACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AGGGUGUA	36398
4638	6392	ប	14664	UCUGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCGCUGGA	36399
	6385	Ð	14665	GGAAGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	UGAGGCCG	36400
$\dashv$	0989	AGCUUCGU G AUGACUUC	14666	GAAGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	ACGAAGCU	36401
_	6357	Ð	14667	GUGGAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AUCACGAA	36402
_	6314	UNGUCCUA G GACCAUCA	14668	UGAUGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	UAGGACAA	36403
_	6313	D	14669	UNGAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	CUAGGACA	36404
Н	6292	ט	14670	ACCACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GGAGGUGG	36405
$\dashv$	6286	Ö	14671	UGUCAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	ACGACCGG	36406
-	6281	Ø	14672	UGGAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AUACCACG	36407
	6242	O	14673	AGAUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AGUUUGGC	36408
-	6238	פ	14674	CUGCAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCAGUU	CAUCGUCCGGG	UGCCAGUU	36409
$\dashv$	6214	O	14675	AAAACUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	UGGAACUG	36410
	6189	O	14676	UACCGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AGAGGAGA	36411
4	6184	Ö	14677	GGGAAUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GGCUCAGA	36412
$\dashv$	6168	O	14678		CAUCGUCCGGG	AUGGAUGG	36413
-	6146	O	14679		CAUCGUCCGGG	AGAGCGUG	36414
4	6142	0	14680	- 1	CAUCGUCCGGG	AACCAGAG	36415
$\dashv$	6138	ט	14681	- 1	CAUCGUCCGGG	UACCAACC	36416
4	6133	ဗ	14682	- 1	CAUCGUCCGGG	AAUUCUAC	36417
4	6129	O	14683	GGACUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCUCAAUU	36418
-	6116	0	14684	CAACAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AAACGGAC	36419
-+	6108	0	14685		CAUCGUCCGGG	AACAUGCC	36420
+	6093	0	14686		CAUCGUCCGGG	AUGCUGGA	36421
-	6073	0	14687	- 1	CAUCGUCCGGG	AUUGGACU	36422
-	6072	٥	14688	AACUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	CAUUGGAC	36423
-	6909	٥	14689	UCGAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCCCAUUG	36424
$\dashv$	6062	ଓ	14690	AGACGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GAACUUCG	36425
-	6011	ט	14691	AAAUCCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCAAGUUG	36426
-	6009	O	14692	UAGAAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GUCGCAAG	36427
4	6007	ט	14693	GUAGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	CGUCGCAA	36428
$\dashv$	5997	٥	14694	GGACGUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GGUAGAAA	36429
$\dashv$	5980	O	14695	GUGCCGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	AGAGACGU	36430
$\dashv$	5979	ס	14696	AGUGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	CAGAGACG	36431
5054	5976	CUCUGGGC G GCACUAGC	14697	GCUAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	CAUCGUCCGGG	GCCCAGAG	36432

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Table	

	١	-	COOCOTO CONTROLLO CONTROLL	
5951	CUGCAGAU G GUUCUCCC	14699	GGGAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUGCAG	36434
5941	O	14700	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36435
5940	AG G	14701		36436
5913	O	14702	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36437
5910	ប	14703	1	36438
2906	ט	14704	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36439
2890	O	14705	UUGACAGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGAAGAGU	36440
5865	5 B	14706		36441
5846	5 5	14707	AGACAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAAUGG	36442
5832	O	14708	UUUGUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAACAGA	36443
5798	O	14709		36444
5797	Ð	14710		36445
5780	O	14711		36446
5764	GUUCAAUU G GACUACUU	14712	1	36447
5763		14713	AAAGUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUGAA	36448
5737	O	14714		36449
5731	UAGGCAAA G GGCAAUCU	14715		36450
5730	AGGCAAAG G GCAAUCUC	14716		36451
5709	CCCAUCUU G ACACUAGG	14717	,	36452
5702	UGACACUA G GCACAAAC	14718	,	36453
5679	ဗ	14719		36454
5667	ט	14720	GAAUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAAUA	36455
5651	ס	14721		36456
5638	ا ق	14722		36457
5633		14723		36458
5632	ტ	14724	- 1	36459
1695	უ	14725	- 1	36460
2613	၁ (၁	14726	- 1	36461
2100	ဗ ဗ	14727	- 1	36462
2606	ט	14728		36463
5603	ט	14729	GUCCAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAAUUU	36464
5598	B	14730	CCAGAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUUCACC	36465
5597	e g	14731	CCCAGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUUCAC	36466
5591	ט	14732	,	36467
5590	O	14733	,	36468
5589	GACUCUGG G AAUGGAUC	14734	1	36469
5585		14735	1	36470
5584	២	14736	,	36471
5579	AUGGAUCU G AAGUGCCU	14737	The state of the s	

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2460	5570	ם ם	14738	- 1	36473
5463	5567	ט	14739	AGCCACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAGGCA	36474
5464	5566	D	14740	CAGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCAGGC	36475
5465	5565	ccueenee e eneecnen	14741	ACAGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCACCAGG	36476
5468	5562	ט	14742	AUGACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCCACC	36477
5477	5553	D G	14743	GCAAUAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGACAGC	36478
5504	5526	ccuageue a accumau	14744	ACAAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCUAGG	36479
5513	2155	Ð	14745	UACAUTUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAAGGU	36480
5514	2216	б	14746	UNACAUTU GGAGGAAACUCCCTUCAAGGACAUCGUCCGGG CACAAAGG	36481
5544	5486	D D	14747	CACCGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAGCA	36482
5545	2485	ecuaecue e euceeuaa	14748	UCACCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUAGC	36483
5549	5481	ס	14749	CAUTUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCAGC	36484
5552	5478	0 0	14750	GCUCAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGACCC	36485
5557	5473	GGUGAAAU G AGCCUCAU	14751	AUGAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUUCACC	36486
5573	5457	UCCAUCAC G AACAGGUU	14752	AACCUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUGGA	36487
5578	5452	o d	14753	ACUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCGUG	36488
5589	5441	UGUAGUUC G GCACCCUG	14754	CAGGGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACUACA	36489
5599	5431	Ö	14755	UGUCUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGGUG	36490
2601	5429	ø	14756		36491
5602	5428	Ð	14757	UGAUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACAGG	36492
5604	5426		14758	GCUGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCUCACA	36493
5617	5413		14759	CCCUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGGCUG	36494
5618	5412	ច	14760	ACCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGGCU	36495
5621	5409	б	14761	GCUACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCACAG	36496
5623	5407	D A	14762		36497
5624	5406	Ö	14763	CAUGCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCACCCA	36498
5632	5398	ט	14764	UCAUGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGCUACC	36499
5639	5391	ם מ	14765	- 1	36500
5672	5358	٥	14766	GCAGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAACA	36501
5673	5357	O	14767	CGCAGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAGAAC	36502
5681	5349	O	14768		36503
5682	5348	ט	14769		36504
5689	5341	ช	14770		36505
5695	5335	٥	14771	иесссаис веавелалисстиславелстисевсе веплеста	36506
9699	5334	9	14772	CUGCCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGUACCA	36507
5699	5331	უ ე	14773		36508
5700	5330	ס	14774	AGGACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCGGU	36509
5744	5286	<sub>D</sub>	14775	GCACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGUUGU	36510
5748	5282	o D	14776		36511
5759	5271	GCUAGCAC G GCUGUUCU	14777	AGAACAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGCUAGC	36512

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5739         5338         GOCKUDUUD G ANDANUCUG         14779         CAGANGAD GRAGAAUCCCUUCAAGGACAUCGUCGAGGAAAUCGUCGUUCAAGGACAUCGUCGGGGGGAAAUCGUCGUCGAGGAAACCGCUCAAAGGAAAUCGUCGUCGAGGAAACCGCUCAAAGGAAAUCGUCGUCGAGGAAACCGCUCAAAGGAAAUCGUCGUCGAGGAAACCGCUCAAAGGAAAACCCCUUCAAAGGAAAUCGUCGUCGAGGAAACCGCCUCAAAGGAAAACCCCUUCAAAGGAAAACCCCUUCAAAGGAAAACCGCCUCAAAGAAAACCCCUUCAAAGGAAAACCCCUUCAAAGAAAACCGCCUCAAAGAAAACCCCUUCAAAGAAAACCCCUUCAAAGAAAACCCCUUCAAAGAAAACCCCUUCAAAGAAAACCCCUUCAAAGAAAAACCCCUUCAAAGAAAAACCGCCAAACCACAAACCACAAACCACAAACCACAAACCACAAACCACA	_	ಠ	14778	AAAGAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAACAG	36513
5235         UCUUDANU G AUCUGUGG         14780         CCACAGAN           5228         UGANUCIGU G GEARGANU         14781         GAUUCIGG           5224         CUGUGGCC G GANGGAG         14783         CCCGGCGC           5198         CGGCGCC G GANGGAG         14785         CCCCGCCC           5198         CGGCGCC G GANGGAG         14785         UCCCGAUCC           5194         CCGGGAU         14786         AUCCCAUCC           5195         CCGGGAU         GAUCCCAG         14786         AUCCCAUCC           5194         CCGGGAU         GAUCCCAG         14786         AUCCCAUCC           5195         CCGGGAU         GAUCCAGA         14786         AUCCCAUC           5196         CCGGGAU         GAUCCAGA         14787         UGGAUCCA           5197         GGCGGGAU         GAUCCAGA         14789         AUCCGACC           5198         CCGGGAU         GAUCCAGA         14789         UCCGGAUC           5199         CCGGGAU         GAUCCAGA         14789         AUCCGACU           5190         CCGGGAU         GAUCCGAC         14799         AUCCGACU           5113         CCGGGAU         GAUCCGCA         14799         AUCCGACU           513	-	Ð	14779	CAGAUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGAGGC	36514
5228         UGANUCUGU G GCAGAAUC         14781         GAUUCUGGA           5224         CUGUGGCA G AAUCCUCC         14782         GGAGGAUU           5195         GUUUNACC G GCCCGGG         14784         CUCCAUCC           5198         CGGGCGC G AUGGAGA         14784         CUCCAUCC           5194         GCCGGGG G AUGGAGA         14786         AUCUCCAUC           5194         GCCGGGGU G AUGGAGAU         14786         AUCUCCAUC           5195         GCGGGGCG G AUGGAGAU         14787         UGGGAUCUC           5194         GCCGGGAU G AUCCAGUA         14787         UGGAUCUC           5195         GCCGGGAU G AUCCGUA         14789         UACCGAUC           5196         GCGGGAU G AUCCGAUA         14789         UACCGGAU           5118         UCGGGAUG G AUCCGAUA         14791         AUCCGGAU           5129         GCAUCUCA         14792         ACCCGAUC           5120         UCGAGAUG         GAUCCGAU         14793         ACCCGAUC           5121         UCGGGCUG         GCCGGCUG         14795         AUCCGCAUC           5122         UCGGGCUG         GCCGCGUG         14795         AUCCGCAUC           5080         UUNGGGCU         GCCCGGUG         14803		ט	14780	CCACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAAGA	36515
5224         CUGUGGCA G AAUCCUCC         14782         GGAGGGAUU           5205         GUUUUACC G GCCCGGG         14783         CCCGGGCG           5199         CCGGCGCC         GANGGAGA         14784         CUCCAUCC           5194         GCGCGCG         G ANGCAGA         14786         AUCUCCAUC           5197         GGCGCCGG         G ANCCAGA         14786         AUCUCCAUC           5193         CCGGGAUG         G ANCCAGA         14789         AUCUCCAUC           5194         GCCGGGAU         G ANCCAGA         14789         AUCUCGAUC           5195         CCGGGAUG         G AUCCGAUA         14789         AUCUCGAU           5118         GCGAGGCC         G GUUCGAAU         14789         AUCUCGAU           5118         AGUACCAGO         G AUCCGAU         14791         AUCCGGAU           5118         AGUACCAGO         G AUCCGAUC         14792         ACCCGAUC           5118         UCCGGCU         G GUUCGAUC         14793         AUCCGAUU           5118         UCCGGCU         G GCCCGAUU         14796         AGCCCAAUC           5019         UUAGGCCU         G GCCCGAUU         14800         CAUAGGCCAC           5011         UCCGGCU	$\dashv$	GU G	14781	GAUUCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUCA	36516
5205         GUUUUACC G GCGCCGGG         14783         CCCGGCGC           5199         CCGGCGCC G GANGGAGA         14784         CUCCANCC           5198         CGGCGCCG G ANGGAGA         14785         UCUCCANC           5194         GCCGGGAN G AGACCAGA         14786         AUCUCCANC           5194         GCCGGGAN G AGACCAGA         14786         UCUCCANC           5191         GGCGGGAN G AGACCAGA         14789         UACUCGANC           5191         GGCGGGAN G AUCCAGA         14789         UACUCGANC           5193         GCCGGANU G ACUCGAGA         14789         UACUCGANC           5178         AGUACACAGA         14791         AUCCGGANC           5134         GCCGGANU G AUCCGGC         14791         AUCCCGANC           5135         ACCGGCUG G GUGGGAN         14791         AUCCCGANC           5136         UCGGANUC G GCUCGAGA         14791         AUCCCGANC           5137         UCGGANUC G GCUCGAN         14791         AUCCCGANC           5138         AUCCGGCUG G GAUNANG         14791         AUCCCAAUC           5030         UUAGACGU G GCAUNANG         14802         AUCCAGAC           5031         CCACCANUA         GACCAUNAU         AUCCACC           50	-	6 83	14782	GGAGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACAG	36517
5199         CCGGGCGC G GANUGAGA         14784         CUCCAUCC           5198         CGGGCGCG G ANUGAGA         14785         UCUCCAUC           5197         GGCGCGG G ANUGAGA         14786         AUCUCCAUC           5194         GCGGGAU G AGAUCCAG         14787         UGGAUCUC           5193         GCGGGAU G AGAUCCAGA         14787         UGGAUCUC           5191         GCGGGAU G ACUCGAUA         14789         UACUCGAU           5178         AGUACCAGA         AAUCCAGAU         14789         UACUCGAU           5178         AGUACCAGA         AUCCAGAU         14789         UACUCGAU           5178         AGUACCAGAU         AAUCCAGAU         14789         AUCCCAGAU           5178         UCGAAUCC         GCUCGAGAU         GCUCGAGAU         GCCAAUCC           5136         UCGACCUG         GAUUGGCU         14794         GCCCAAUCC           5137         UCGGCUG         GAUUGGCU         14796         GCCCAAUCC           5138         AUCCGGCUG         GAUUGGCU         14796         GCCCAAUCC           5030         UUAUGAUU         GCCAUNAUC         14800         AUCCCACAUCC           5041         GGCAUUAUC         GCCACUCAUC         GCACACCC         14801 </td <td><math>\dashv</math></td> <td>ပ္ပ</td> <td>14783</td> <td>CCCGGCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUAAAAC</td> <td>36518</td>	$\dashv$	ပ္ပ	14783	CCCGGCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGUAAAAC	36518
5198         CGGCGCCG G ANGGAGA         14785         UCUCCAUC           5197         GGCGCCGG G ANGGAGAU         14786         AUCUCCAUC           5194         GCGCGCGAU G GAGAUCCA         14787         UGGAAUCU           5193         CCGGGAUG G ACCCGAUC         14789         UACUGGAU           5191         GGGAUGAG G AUCCGACA         14789         UACUGGAU           5178         AGUACCCGU G GUCGGAU         14790         AAUCCGAU           5148         UCAGGUUG G GUCGGAU         14791         AUCCGAU           5130         UCAGGUUG G GUCGGAU         14793         AUCCGAU           5131         AUCCGGCUG G GUCGGAU         14793         AUCCGGAU           5132         UCGGCUG G GUCGGAU         14793         AUCCGGAU           5133         AUCCGGCUG G GUCGGAU         14793         AUCCGGAU           5134         AUCCGGCUG G GUCGGAU         14793         AUCCGGAU           5135         CUGGGCUG G GUCGGAU         14793         AUCCCGAU           5080         UNAUGUNU         GCCCGUUG         AUCCCGAU           5081         AGCCGUUG G GUCCCGU         14800         CAUDAUGCC           5082         GAGCCGUUG G GCCCGAU         14800         AUCACCCC           5081<	-	ט	14784		36519
5197         GGGGCCGG G AUGGAGAU         14786         AUCUCCAU           5194         GGCGGGAU G GAGAUCCA         14787         UGGAUCUC           5193         CCGGGAU G GAGUCCA         14789         UGGAUCUC           5191         GGGAUGAG G AUCCAGUA         14789         UACUGGAU           5178         AGUCCUCA G GUUCGAAU         14790         AACCGGAU           5148         UCCGAGUUC G AUCCGAC         14792         GCCGGAUUC           5134         AUCCGGCUG G GUUCGAC         14793         AUCCCGAUC           5135         CCGGCUGG G AUUGGC         14794         GCCGGAUC           5136         UCCGGCUG G GAUUGGC         14794         GCCGGAUC           5137         UCCGGCUG G GAUUGGC         14794         GCCGAUC           5080         UUAUGHAU G GCCGUUG         14796         GCCGCGAUC           5081         AGCCGUUG G GAUUGGCU         14796         GCACGAUC           5082         AGCCGUUG G GAUUGGCU         14796         GCCGCCAAUC           5081         AGCCGUUG G GCAUUAUC         14800         CAACGGCU           5081         AGCCGUUG G GCAUUAUC         14800         CAACGGCU           5081         AGCCGUUG G GCAUUAUC         14800         AGCCGUUC	$\dashv$	O	14785		36520
5194         GCCGGGAU G GAGNUCCA         14781         UGGAUCUC           5193         CCGGGAUG G AGUCCAG         14788         CUGGAUCU           5191         GGGAUGGA G AUCCAGUA         14789         UACUGGAU           5191         GGGAUGGA G AUCCAGUA         14790         AAACUGGAU           5153         GCANCUCCA G GUCGGAUU         14791         AUCCGAU           5148         UCGAAUCC G GUCGGAUU         14792         GCCGGAUU           5139         AUCCGGCUG G GUCGGAU         14793         AUCCGACUC           5134         UCGAGCUG G GUCGGAU         14794         GCCGAUC           5135         AUCCGGCUG G GUCGAUG         14794         GCCGAUC           5136         CCGGCUGG G AUUGGCU         14796         AGCCAAUC           5137         UCGGGCUG G GCAUUAU         14799         AUCCGGCU           5081         AGCCGUUG         GCCAUUAU         14800         AUCCGGCU           5082         AGCCCUUG         GCCAUUAU         14800         AUCAGGCC           5081         AGCCCUUU         GCAUUCCA         14800         AUCAGGCC           5081         CCACUUUU         GCACUUCCA         14800         AUCAGGCCC           5001         UCCAGUGG G GAAGUCCA         1	-	ט	14786	AUCUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGGCGCC	36521
5193         CCGGGANUG G AGAUCCAG         14788         CUGGAUCCA           5191         GGGAUGGA G AUCCAGUA         14789         UACUGGAU           5191         GGGAUCGA G AUCCAGUA         14790         AAACAGAU           5178         AGUACCAGU G AUCCGACU         14791         AUUCCGAU           5148         UCAGAUCCA G GUUCGAAU         14792         GCCGGAUU           5136         UCGAGCUG G GUUCGGAU         14794         GCCGGAUC           5137         UCGGGCUG G GUUCGGCU         14794         GCCGAUC           5138         AUCCGGCUG G GUUCGGCU         14794         GCCGAUC           5139         UCGGCUG G GUUCGGCU         14794         GCCGAUC           5080         UUAUGUAU G GUUCCAUC         14796         GACCCAAU           5081         AUCCGGCUG G GUUCCAUC         14800         CAACCCAUC           5082         GAGCCGUU G GCAUUAUG         14800         CAACCCAUC           5081         AGCCGUUG G GCAUUAUG         14800         AUCAGGCC           5082         CCACCUAUU G GCAUUAUG         14806         GAACCCCC           5081         GUCCAGUG G GCAUUAUG         14806         GAACCCCC           5082         CCACCUAUG G GCAUUAUG         14806         GAACCCCCC      <	$\dashv$	ם	14787	UGGAUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCCCGGC	36522
5191         GGGAUGGA G AUCCAGUA         14789         UACUGGAU           5178         AGUACAGU G AUCCAGUA         14790         AAACAGAU           5178         AGUACAGU G AUCCAGAU         14791         AUUCGAAU           5148         UCAGGUUC G GUUCGAAU         14792         GCCGGAUU           5148         UCAGGUUC G GUUCGAAU         14793         AUCCCAGCU           5134         AUCCGGCUG G GAUUGGCU         14794         GCCAAUCC           5136         CCGGCUGG G GAUUGGCU         14795         AGCCAAUC           5137         UCCGGCUG G GAUUGGCU         14796         GAGCCAAUC           5080         UUAUGUAU         GCCACUAU         14796         GAGCCAAUC           5081         AUCCGGCUG         GAUUGGCUC         14796         GAGCCAAUC           5082         CCGGCUGG         GAUUGGCUC         14796         GAGCCAAUC           5081         CCGGCUGG         GAUUCCAUC         14796         GAGCCAUC           5082         GAGCCUUAU         GCCAUCAUC         14800         CAUCCCAC           5084         GUCCCGUU         GCCACCAUAU         14806         GAGCCUCC           5084         GUCCCGUAU         GCACCUCAU         GCCACCAUAU         14806         ACGCUCAC	4	O	14788	CUGGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCCCGG	36523
5178         AGUACAGU G AUCUGUUU         14790         AAACAGAU           5153         GCAUCUCA G GUUCGAAU         14791         AUUCGAAU           5148         UCAGGUUC G AUCCGGAU         14792         GCCGGAUU           5148         UCAGGUUC G GUUCGGAU         14793         AUCCCGGUU           5138         AUCCGGCUG G GAUUGGCC         14794         GCCGAUCC           5137         UCCGGCUG G GAUUGGCC         14794         GCCGAUCC           5136         CCGGCUGG G AUUGGCU         14795         AGCCCAUC           5090         UUAUGUNU G GCCAUUAU         14796         GACCCAAU           5081         AGCCGUUG G GCAUUAU         14800         CAUGGAC           5082         GAGCCUUG G GCAUUAU         14800         CAUGGAU           5081         AGCCGUUG G GCAUUAU         14800         CAUGGAU           5081         AGCCGUUG G GCAUUAU         14800         CAUGGAU           5082         GAGCAUUAU         14800         CAUGGCUC           5081         AGCCGUUG         GCCAUUAU         14800         AUCAGGCUC           5082         CCACCUAUU         GCCACCAUU         14800         AUCAGGCUC           5004         GUUCCAGU         GGGAAGUCC         14800         AUC	$\dashv$	ט	14789	UACUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCAUCCC	36524
5153         GCAUCUCA G GUUCGAAU         14791         AUUCGAAU           5148         UCAGGUUC G AAUCCGGC         14792         GCCGGAUU           5148         UCAGGUUC G AAUCGGAU         14793         AUCCCAGC           5131         AUCCGGCUG G GAUUGGCU         14794         GCCAAUCC           5134         AUCCGGCUG G GAUUGGCU         14795         AGCCAAUC           5137         UCCGGCUG G AUUGGCU         14796         GAGCCAAUC           5090         UUAUGGAU         GCUCAUCC         14796         GAGCCAAUC           5091         UUAUGGAU         GCCCAUUAU         14800         CAACGGCU           5092         UUAUGGAU         GCCCCAUU         14800         CAUCCAAUC           5093         UUAUGGGU         GCACUUAU         14800         CAUCCAAUC           5094         UUAUGGGU         GCACUUAU         14800         CAUCCAAUC           5012         GAGCCGUU         GCACCCAU         14800         CAUCCAAUC           5014         GGCACUUAU         GCACCCAC         14800         CAUCCACCAC           5015         GUCCCAGU         GAGCCCCAC         14800         AUCACCCCA           5016         GUCCCAGU         GAGCCCCAC         14800         AUCACCCCA	-	פ	14790		36525
5148         UCAGGUUC G AAUCCGGC         14792         GCCGGAUU           5142         UCGAAUCC G GCUGGGAU         14793         AUCCCAGC           5138         AUCCGGCU G GAUUGGC         14794         GCCAAUCC           5137         UCGGCUG G GAUUGGCU         14795         AGCCAAUC           5137         UCCGGCUG G AUUGGCUC         14796         GAACCCAAUC           5090         UUANGGUU G GCUCAUCC         14797         GGAUGGAGC           5081         AGCCGUUG G AUUGGCUC         14796         GAACCCAAUC           5082         GAGCCGUU G GCCUUAU         14800         CAUCCAAUC           5081         AGCCGUUG G GCAUUAU         14800         CAUCCAAUC           5082         GAGCCGUU G GCCUCAUU         14800         CAUCCAAUC           5081         AGCCGUUG G GCAUUAU         14800         CAUCCAAUC           5082         GAGCCGUU G GCCCCAUU         14800         CAUCCACC           5015         GGCACUAUU G GCCCCGAU         14800         AUCACGCC           5016         GUUCCAGU G GGAAGUCC         14800         AUCACGCC           5017         GUGAGCCC         14800         AUCACGCCC           5002         UCCAGUGG G GAAGUCCA         14800         AUGACCCCC	$\dashv$	ט	14791		36526
5142         UCGAAUCC G GCUGGAU         14793         AUCCCAGC           5138         AUCCGGCU G GAUUGGC         14794         GCCAAUCC           5137         UCCGGCUG G GAUUGGCU         14795         AGCCAAUC           5136         CCGGCUGG G AUUGGCUC         14796         GAACCCAAUC           5090         UUAUGGAUU G GCUCAUCC         14797         GGAUGGAGC           5081         AGCCGUUG G GCAUUAU         14800         CAACGGCU           5082         GAGCCGUU G GCAUUAU         14800         CAUCAGGCU           5081         AGCCGUUG G GCAUUAU         14800         CAUCAGGCU           5082         GAGCCGUU G GCCAUUAU         14800         CAUCAGGCU           5081         AGCCGUUG G GCAUUAU         14800         CAUCAGGCU           5082         GAGCCGUUG G GCAUUAU         14800         CAUCAGGCU           5084         GGCACUUAU         GGCAUCAC         14800         CAUCAGGCU           5015         GGCACUAUU         GGCACUCAC         14800         AUCAGGCCC           5016         GUUCCAGU         GGGAACCC         14800         AUCAGGCCC           5003         UUCCAGGG         GACCCCGAU         14800         AUCAGGCCC           5004         GUUCCAGG <td< td=""><td>ᅱ</td><td>UC G</td><td>14792</td><td>GCCGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCUGA</td><td>36527</td></td<>	ᅱ	UC G	14792	GCCGGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAACCUGA	36527
5138         AUCCGGCU G GAAUUGGC         14794         GCCAAUCC           5137         UCCGGCUG G GAUUGGCU         14795         AGCCAAUC           5136         CCGGCUG G AUUGGCUC         14796         GAGCCAAUC           5132         CUGGGUUG G GUCAUCC         14797         GGAUGAGC           5090         UUAUGUAU G GCCAUUAU         14798         CAACGGCU           5081         AGCCGUUG G GCAUUAU         14800         CAUCAGCC           5082         GAGCAUUAU G GCAUUAU         14801         AUACGGC           5081         AGCCGUUG G GCAUUAU         14802         AUACGGC           5024         CCACUAUU G GCAUUAU         14802         AUGCCC           5015         GGCAUUAU         14802         AGGCUCAC           5004         GUUCCAGU         GCCCUGAU         14802         AGGCUCAC           5004         GUUCCAGU         GGGAAGUCC         14802         AGGCUCAC           5005         UUCCAGUG         GGGAAGUCC         14806         GACCUCCC           5006         GUUCCAGU         GGGACUCCC         14806         GACCUCCC           5001         UCCAGUGG         GAGCCCGAU         14806         GACCUCCC           5002         UCCAGUGG         GAGCCCCGAU	-	0	14793		36528
5137         UCCGGCUG G GAUUGGCUC         14795         AGCCCAAUC           5136         CCGGCUGG G AUUGGCUC         14796         GAGCCAAUC           5132         CUGGGCUGG G AUUGGCUC         14797         GGAUGAGC           5090         UUAUGUNU G GCCAUUAU         14798         CAACGGCU           5081         AGCCGUUG G GCAUUAU         14800         CAUAAUGC           5082         GAGCAUUAU         14801         AUAACGGCU           5073         GGCAUUAU         14800         CAUAAUGC           5024         CCACUAUU         GCACUCAC         14801         AAUGGAGU           5015         GGCAUUAU         GAGCUCAC         14802         AGGCUCAC           5024         CCACUAUU         GAGCUCAC         14803         AUCAGGCU           5025         CCACUAUU         GAGCUCAC         14802         AGGCUCAC           5024         CCACUAUU         GAGCUCAC         14803         AUCAGGCC           5025         CUCCAGUG         GAGCACCC         14804         UGGACCUCAC           5004         GUUCCAGU         GAGCUCAC         14806         GACUCCCC           5002         UCCAGUGG         GAGCCCCAA         14806         UGGACUCCC           5003	4	ס	14794	GCCAAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGAU	36529
5136         CCGGCUGG G AUUGGCUC         14796         GAGCCAAU           5132         CUGGGAUU G GCUCAUCC         14797         GGAUGAGC           5090         UUAUGUAU         AGCCGUUAU         14799         AUAAUGCC           5081         AGCCGUUG G GCAUUAU         14800         CAUGAGGC           5081         AGCCGUUG G GCAUUAU         14800         CAUGAGGC           5073         GGCAUUAU         14801         AAUGGAGC           5024         CCACUAUU         G GCAUCAC         14802         AGGCUCAC           5015         GGCAUUAU         G AUGUCCA         14803         AUCAGGCU           5016         CCACUAUU         G AUGUCCA         14803         AUCAGGCU           5017         CUAUUGGU         AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU         G GGGAAGUC         14805         GACUUCCC           5002         UCCAGUGG         G GAAAGUCC         14806         GACUUCCC           5003         UUCCAGUG         G GACCCGAU         14806         GACUUCCC           5001         UCCAGUGG         G GACCCCGAU         14806         AUGGACUCC           4986         AAAGUCCC         AUUUCCCC         14806         AUGGACUCC <td><math>\dashv</math></td> <td>O</td> <td>14795</td> <td>AGCCAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCGGA</td> <td>36530</td>	$\dashv$	O	14795	AGCCAAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCCGGA	36530
5132         CUGGGAUU G GCUCAUCC         14797         GGAUGAGGU           5090         UVAUGUAU G AGCCGUUAU         14798         CAACGGCU           5081         AGCCGUU G GCAUUAU         14799         AUAAUGCC           5081         AGCCGUUG G GCAUUAU         14800         CAUAAUGCC           5073         GGCAUUAU G ACUCCAUU         14800         CAUAGGAGU           5024         CCACUAUU G GUGAAGCU         14801         AAUGGAGCU           5015         GUGAGCCU G AUGUUCCA         14803         AUCAGGCU           5004         GUUCCAGU G AUGUUCCA         14804         UGGAACAU           5002         UCCAGUGG G GGAAGUC         14806         GACUUCCC           5003         UUCCAGU G GGGAAGUC         14806         GACUUCCC           5004         GUUCCAGU G GGAAGUCC         14806         GACUUCCC           5001         UCCAGUGG G GAAGUCC         14806         AUGACUCCC           5001         CCAGUGGG G GAAGUCC         14806         AUGACUCCC           4986         AAAGUCCC         14806         AUGAGCUC           4986         AAAGUCCC         14806         AUGAGCUC           4980         ACGUUCCC         14810         AUGAGGGC           4980         AA	-	ט	14796	GAGCCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAGCCGG	36531
5090         UVANGGNAU G AGCCGUUG         14798         CAACGGCC           5082         GAGCCGUU G GCAUUAU         14799         AUAAUGCC           5081         AGCCGUU G GCAUUAU         14800         CAUAAUGC           5073         GGCAUUAU G ACUCCAUU         14801         AAUGGAGU           5024         CCACUAUU G GUGAGCCU         14802         AGGCUCAC           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGGAAGUC         14806         GACUUCCC           5002         UCCAGUGG G GGAAGUCC         14806         GACUUCCC           5003         UUCCAGUG G GGAAGUCC         14806         GGACUUCCC           5001         UCCAGUGG G GAAGUCC         14806         GGACUUCCC           5002         UCCAGUGG G GAAGUCC         14806         GGACUUCCC           5001         UCCAGUGG G GAAGUCCA         14806         AUGGACUUCC           4986         AAAGUCCC         14809         AUGGACUUC           4986         AAAGUCCC         AUUUCCCCA         14809         AUGGACUUC           4980         ACGUUCCA         14809         AUGGACUUC           4980         ACGUUCCC         14810         AGAGCUCC           4980	4	O	14797		36532
5082         GAGCCGUU G GGCAUUAU         14799         AUAAUGCC           5081         AGCCGUUG G GCAUUAUG         14800         CAUAAUGC           5073         GGCAUUAU G ACUCCAUU         14801         AAUGGAGU           5024         CCACUAUU G GUGAGCCU         14802         AGGCUCAC           5021         CUAUUGGU G AGCCUGAU         14803         AUCAGGCU           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGGAAGUCC         14806         GACUUCCC           5001         UCCAGUGG G GGAAGUCC         14806         GGACUUCC           5002         UCCAGUGG G GAAGUCCA         14806         GGACUUCC           5001         UCCAGUGG G GAAGUCCA         14806         GGACUUCC           5001         CCAGUGGG G GAAGUCCA         14806         UUGGACUUC           4986         AAAGUCCC         GCCCCCGAU         14809         AUCGGCUC           4980         ACGGCCCC         AUUUCCCC         14810         AUGGACUUC           4980         ACGGCCCC         AUUUCCCC         14811         CAGAGAGCU           4980         ACGUUCUC         14814         AGAGACGUC           4980         ACGUUCUC         14814         AGAGAGU	4	ø	14798	CAACGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAA	36533
5081         AGCCGUUG G GCAUNAUG         14800         CAUAAUGC           5073         GGCAUUAU G ACUCCAUU         14801         AAUGGAGU           5024         CCACUAUU G GUGAGCCU         14802         AGGCUCAC           5021         CUAUUGGU G AUGUUCCA         14803         AUCAGGCU           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGAAGUCC         14805         GACUUCCC           5002         UCCCAGUGG G GAAGUCCA         14806         GACCUUCC           5001         CCAGUGGG G GAAGUCCA         14809         UUGGACUU           4986         AAAGUCAC         GCCCCGAU         14809         UUGGACUU           4980         AAAGUCAC         GCCCCGAU         14809         AUCGGGGC           4980         ACGGCCCC         AUUUCUCCA         14810         GAGAGUUU           4980         ACGUUUU         GCCCCGAU         14811         CAAAACAC           4980         ACGUUUU         AACGACCCC         14811         GAGGUGUU           4980         ACGUUCUCA         14811         GAGGUGUU           4980         ACGUUCUCA         14811         AGAAACAC           4980         ACGUUCUCA         14814	$\dashv$	ט	14799	AUAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACGGCUC	36534
5073         GGCAUUAU G ACUCCAUU         14801         AAUGGAGU           5024         CCACUAUU G GUGAGCCU         14802         AGGCUCAC           5021         CUAUUGGU G AGCCUGAU         14803         AUCAGGCU           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGAAGUCC         14805         GACUUCCC           5002         UUCCAGUG G GAAGUCCA         14806         GACUUCCC           5001         CCAGUGG G GAAGUCCA         14809         UUGGACUU           5001         CCAGUGG G GAAGUCCA         14809         UUGGACUU           4986         AAAGUCAC         GCCCCGAU         14809         AUGGACUU           4980         AAAGUCAC         GCCCCGAU         14809         AUGGACUU           4980         AAGGCCCC         AUUUCUCCA         14810         GAGGGGGC           4980         ACGCCCCCAU         GUGUUUUG         14811         CAAAACAC           4980         ACGCCCCC         AUUUCGUC         14811         GAGGUGUU           4980         ACGCCCCC         14811         GAGGUGUU           4980         ACGCCCCC         14814         AGAACCCC           4980         ACGCCCCUC         GUUCCCCC	ᅱ	O	14800	CAUAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACGGCU	36535
5024         CCACUAUU G GUGAGCCU         14802         AGGCUCAC           5021         CUAUUGGU G AGCCUGAU         14803         AUCAGGCU           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGAAGUCC         14805         GACUUCCC           5003         UUCCAGUG G GAAGUCCA         14806         GACUUCCC           5001         CCAGUGG G GAAGUCCA         14809         UUGGACUUC           5001         CCAGUGG G AAGUCCAA         14809         UUGGACUUC           4986         AAAGUCAC G GCCCCGAU         14809         AUCGGGGC           4980         ACGGCCCC G AUUUCCCA         14810         GGAGAGAU           4967         CUCCUUCA G GUGUUUUG         14811         CAAAACAC           4959         ACGCCCCC G AUUCCGUC         14811         CAGAAACAC           4959         ACGUCUCU         GUUUCGUC         14812         GGGGUGUU           4949         ACACCCCU         GUUUCGUC         14814         AGAACGUC           4939         UUUCGUCU         GUUUCGUC         14814         AGAACGUC           4939         UUCGUCUG         GUUCCACC         14814         AGAACGUC           4930         UUCGUCUG         GUUCCACCC	4	O	14801	AAUGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAUGCC	36536
5021         CUANUGGU G AGCCUGAU         14803         AUCAGGCU           5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGAAGUCC         14805         GACUUCCC           5003         UUCCAGUG G GAAGUCCA         14806         GACUUCCC           5001         UCCAGUGG G GAAGUCCA         14807         UGGACUUCC           5001         CCAGUGGG G AAGUCCAA         14809         UUGGACUUC           4986         AAAGUCAC         GCCCCGAU         14809         AUGGAGCU           4980         ACGGCCC         AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA         GUGUUUUG         14811         CAAAACAC           4959         ACACCCCU         GUUUCGUC         14812         GGGGUGUU           4949         ACACCCCU         GUUUCGUC         14813         GACGAGAAC           4939         UUUCGUCU         GUUUCGUC         14814         AGAACGUC           4938         UUCGUCU         GUUUCGUC         14814         AGAACGUC           4939         UUCGUCU         GUUUCGUC         14814         AGAACGUC           4930         UUCGUCU         GUUUCCAC         14814         AGAACGUC <t< td=""><td>4</td><td>ø</td><td>14802</td><td></td><td>36537</td></t<>	4	ø	14802		36537
5015         GUGAGCCU G AUGUUCCA         14804         UGGAACAU           5004         GUUCCAGU G GGGAAGUC         14805         GACUUCCC           5003         UUCCAGUG G GAAGUCC         14806         GACUUCCC           5001         UCCAGUGG G GAAGUCCA         14807         UGGACUUCC           5001         CCAGUGG G AAGUCCAA         14809         UUGGACUU           4986         AAAGUCAC G GCCCCGAU         14809         AUGGAGCU           4980         ACGGCCC G AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUUG         14811         CAAAACAC           4959         ACGCCCCU G GUUUCGUC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GUUCCUC         14814         AGAACGUC           4939         UUCGUCUG G GUUCCUC         14814         AGAACGUC           4936         UUCGUCUG G GUUCCUC         14814         AGAACGUC           4936         UUCGUCUG G GUUCCUC         14814         AGAACGUC           4936         UUCGUCUG G GUUCCUC         14816         GGGGGGGUC           4936         UUCGUCUG G GUUCCUC         14816         GGGGGGGC <td< td=""><td>4</td><td>히</td><td>14803</td><td>- 1</td><td>36538</td></td<>	4	히	14803	- 1	36538
5004         GUUCCAGU G GGGAAGUC         14805         GACUUCCC           5003         UUCCAGUG G GAAGUCC         14806         GGACUUCC           5002         UCCAGUGG G GAAGUCCA         14807         UGGACUUCC           5001         CCAGUGGG G AAGUCCAA         14809         UUGGACUUC           4986         AAAGUCAC G GCCCCGAU         14809         AUGGGGC           4980         ACGGCCC G AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUG         14811         CAAAACAC           4959         ACGCCCU         14812         GGGGUGUU           4949         ACACCCCU         GUUUCGUC         14813         GACGAAAC           4939         UUCGUCU         GACGUUCU         14814         AGAACGUC           4939         UUCGUCU         GACGUUCU         14814         AGAACGUC           4936         UUCGUCU         GACGUCCUC         14815         AAGAACGUC           4936         UUCGUCU         GACGUCCUC         14814         AGAACGUC           4936         UUCGUCU         GACGUCCUC         14815         AGAACGUC           49376         UCUUGCCC         GACGUCCC         14816         GGGGGGGUC           49376         UCUU	긕	0	14804		36539
5003         UUCCAGUG G GAAAGUCC         14806         GGACUUCC           5002         UCCAGUGG G GAAGUCCA         14807         UGGACUUC           5001         CCAGUGG G AAGUCCAA         14809         UUGGACUU           4986         AAAGUCAC G GCCCGAU         14809         AUGGGGC           4980         ACGGCCC G AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUG         14811         CAAAACAC           4959         ACACCCCU         3ACACCCC         14812         GGGGUGUU           4949         ACACCCCU         GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU         GACGUUCU         14814         AGAACGUC           4938         UUCGUCU         GACGUUCU         14814         AGAACGUC           4936         UUCGUCU         GACGUUCU         14814         AGAACGUC           4936         UUCGUCU         GACGUCCUC         14815         AAGAACGUC           4936         UUCGUCU         GACGUCCUC         14816         AGGAGGGC           49376         UCUUGCCC         GACGUCCUC         14816         GGGGGGGC           49376         UCUUGCCC         GACGUCCCC         14816         GGGGGGGC <tr< td=""><td>4</td><td>O</td><td>14805</td><td></td><td>36540</td></tr<>	4	O	14805		36540
5002         UCCAGUGG G GAAGUCCAA         14807         UGGACUUC           5001         CCAGUGG G AAGUCCAA         14808         UUGGACUU           4986         AAAGUCAC G GCCCGAU         14809         AUCGGGGC           4980         ACGGCCC G AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUUG         14811         CAAAACAC           4959         GGUGUUUU G AACACCCC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGABAC           4939         UUCGUCU G GACGUUCU         14814         AGAACGUC           4916         UCUUGCCA G GUUCCUC         14815         AAGAACGUC           4916         UCUUGCCA G GUUCCUCC         14816         GGUGGAAC           4916         UCUUGCCA G GUUCCUCC         14816         GGUGGAAC           4916         UCUUGCCA G GUUCCUCC         14816         GGUGGAAC           4857         AAUUUCCA G GUUCCUCC         14816         GGAGGGACC	$\dashv$	ט	14806		36541
5001         CCAGUGGG G AAGUCCAA         14808         UUGGACUU           4986         AAAGUCAC G GCCCCGAU         14809         AUCGGGGC           4980         ACGGCCC G AUUUCUC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUUG         14811         CAAAACAC           4959         GGUGUUUU G AACACCCC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUCGUCU G GACGUUCU         14814         AGAACGUC           4916         UCUUGCCA G GUUCCACC         14815         AAGAACGUC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC	$\dashv$	ט	14807	- 1	36542
4986         AAAGUCAC G GCCCCGAU         14809         AUCGGGGC           4980         ACGGCCC G AUUUCUCC         14810         GGAGAAU           4967         CUCCUUCA G GUGUUUUG         14811         CAAACAC           4959         GGUGUUUU G AACACCCC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCUU         14814         AAGAACGUC           4916         UCUUGCCA G GUUCCACC         14815         GGUGGAAC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GUUCCUCC         14816         GGUGGAAC	-	σĺ	14808		36543
4980         ACGGCCCC G AUUUCUCC         14810         GGAGAAAU           4967         CUCCUUCA G GUGUUUG         14811         CAAACAC           4959         GGUGUUUU G AACACCCC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCUU         14814         AAGAACGUC           4916         UCUUGCCA G GUUCCACC         14815         GGUGGAAC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GUUCCUCC         14817         GGAGGACC	4		14809		36544
4967         CUCCUUCA G GUGUUUUG         14811         CAAAACAC           4959         GGUGUUUU G AACACCCC         14812         GGGGUGUU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCUU         14814         AAGAACGU           4916         UCUUGCCA G GUUCCACC         14815         GGUGGAAC           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GUUCCUCC         14817         GGAGGACC	$\dashv$		14810		36545
4959         GGUGUUUU G AACACCCC         14812         GGGGGGGU           4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCUU         14815         AAGAACGU           4916         UCUUGCCA G GUUCCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GGUCCUCC         14817         GGAGGGACC	$\dashv$	0	14811	CAAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGAG	36546
4949         ACACCCCU G GUUUCGUC         14813         GACGAAAC           4939         UUUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCU         14815         AAGAACGU           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GUUCCUCC         14817         GGAGGACC	$\dashv$	٥	14812	GGGGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACACC	36547
4939         UNUCGUCU G GACGUUCU         14814         AGAACGUC           4938         UUCGUCUG G ACGUUCUU         14815         AAGAACGU           4916         UCUUGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GGUCCUCC         14817         GGAGGACC	$\dashv$	0	14813	1	36548
4938         UNCGUCUG G ACGUNCUN         14815         AAGAACGU           4916         UCUNGCCA G GUNCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GGUCCUCC         14817         GGAGGACC	-	0	14814	AGAACGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACGAAA	36549
4916         UCUNGCCA G GUUCCACC         14816         GGUGGAAC           4857         AAUUUCCA G GGUCCUCC         14817         GGAGGACC	$\dashv$	٥	14815	AAGAACGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CAGACGAA	36550
4857 AAUUUCCA G GGUCCUCC 14817 GGAGGACC	$\dashv$	٥	14816	GGUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGCAAGA	36551
	$\dashv$	Q	14817	GGAGGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAAUU	36552

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Table	

C G AUCCUCCU         14819         AGGAGGAU GARGAAACUCCCUUCAAGGACAUCGUCCGGG           U G ACACUGCC         14820         GGCAGUGAU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           U G GGUCCGC         14821         GCCUGGAC         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG           U G GGCCCCU         14822         GCCUGGAC         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG           C G GCUCCUU         14823         AAGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           C G GCUCCUU         14824         AAGGAGGA           A GAAGGCC         GAAGGACAACUCCCUUCAAGGACAUCGUCCGGG           C G GCUCCUU         14824         AAAGGAGC           G GUCUCUU         14827         UCCACAC           G GUGUGGAA         14827         UCCACAC           G GUGUGGAA         14827         UCCACAC           G GUGUGGAA         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           G G GUCUCUU         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           G GUGUGGAA         14824         UUCCACAC           G GUGUGGAA         GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG           G GUGUCGAA         14833         GCAGUAGAA           G GAGCACC         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           G GAGCACC         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           G GACCACCC         GAGGAGAACUCCCUUCAAGGACAUCGUCCGGG	6174	4856	AUUUCCAG G GUCCUCCG	14818	CGGAGGAC GGAGGAAACTICCCIIIICAAGGAACAITCGIICGIICGIAAATT	36553
4827         UCCUCCUU G ACACUGAC         14820         GGCAGUAGU G GAGGAAAACUCCCUUCAAGGAACUCCGUCGGG           4810         CCCAGUAUU G GUCCAGGG         14821         CCCUGGAC         GAGGAAAACUCCCUUCAAGGAACUCCCUCCAGGAACCCGCGGGAAACUCCCUCC	6193	4837	O	14819	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36554
4811         CCDRDBUND G GUCCLOGG         14821         CCTUGGARA GORGGARACUCCCUUCAAGGACAUCGUCCGGG           4810         CCRAGUNUG G GUCCCAGG         14822         GCCUCGAGA         GGGAGARACUCCCUUCAAGGACAUCGUCCGGG           4804         CCRAGUNUG G GUCCCAGG         14823         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           4804         GUCCAGAC         14823         GAGGAGAAACUCCCUUCAAGGACAUCGUCCGGG           4775         AUCCAAAG         G GUUCCAAA         G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4776         AUCCAAAG         G GUUCCAAA         G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4776         AUCCAAAC         14823         UUCCACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4776         AUGCAAAC         14823         UUCCACAC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4776         AUGCAAAC         14823         GUCCACAC         GAGGGAAACUCCCUUCAAGGACAUCGCGGG           4776         AUGCACAC         14823         GCAGUUUU G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4776         AUGCCACAC         14823         GCAGUUUU G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4677         UUCCACCAC         14823         GCAGCUUU         GAGGACAACACCCCUUCAAGGACAUCGCGGG           4678         CUCCACAC         14823         GCAGCUUU         GAGGACAACACCCCUUCAAGGACAUCGCGGG	6203	4827	Ö	14820	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36555
4810         CONGIGIAND G GEOCCICCO         14822         GCUEGGAA GARGGAAACUCCCUUCAAGGACAUCGGGGGGGGAAACUCCCUUCAAGGACAUCGGGGGGGG	6219	4811	g	14821	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36556
4804   UDGGUICCO GECCUCIOC   14824   GABGICGG GARGGAAACUCCCUTICAAGGACAUCGGCGGGG     4775   AUGCCAAG G GCCCUCUC   14824   GABGICGGG GGAGGAAACUCCCUTICAAGGACAUCGGCCGGGG     4775   AUGCCAAG G GCCCUCUC   14824   GABGICGGG GGAGGAAACUCCCUTICAAGGACAUCGGCCGGG     4775   AAGGGUG G GCCCUCUC   14825   UCCACACG GGAGGAAACUCCCUTICAAGGACAUCGGCCGGG     4776   AAGGGUUG G AAAACACC   14829   GCGUCUUUU GGAGGAAACUCCCUTICAAGGACAUCGGCCGGG     4774   AAGGGUUG G AAAACACC   14829   GCGUCUUUU GGAGGAAACUCCCUTICAAGGACAUCGGCCGGG     4774   AAGGGUUG G AAAACACC   14829   GCGUCUUUU GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4774   AAGGGUUG G AAAACACC   14829   GCGUCUUUU GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4774   UDACUGCC G ACACCCC   14831   GCGUCGUU G GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4673   CCCUCUUU G AAAACACC   14839   GCGUCGUU G GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4674   AUGCCACAC G ACCACCC   14831   GCGUCGUU G GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4675   CCCUCUUA G AUCACUU G AAACACC   14834   GCGUCGUU GGAGGAAACUCCCUTICAAAGGACAUCGGCCGGG     4675   ACCCCUUU G AACACCC   14834   GAGCGAAACUCCCUTICAAAGGACAUCGGCCGGG     4675   ACCCCUUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGGCCGGG     4675   ACCCCUUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGGCCGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4675   ACCCCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4676   AACACCCUU G AACACCC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGG     4677   CAUCUUM G GAGCACAC   GAGGGAAAACUCCCUTICAAAGGACAUCGCCGGGG     4678   ACCCCCUU G GAGGGAAAACUCCCUTICAAAGGACAUCGCCGG	6220	4810	b	14822	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36557
4801   GUCCABGE G GCUCCUUC   14824   GABAGGGG GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG   4775   AUCCABAGC G GCUCCUUU   14825   AAAGCAGGG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4755   AAGGAAA G GGUGGAAA G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4775   AAGGGUGG G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4774   UCCUGCUU G AAAACAC   14829   GUGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4774   UACUGCU G AAAACAC   14829   GUGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4774   UACUGCU G AAAACAC   14829   GAGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4774   UACUGCU G AAAACAC   14829   GAGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4774   UACUGCU G AUCCAGG   14830   GAGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   UACUGCU G AUCCAGG   14830   GAGGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCUGU G AUCCAGG   14830   ACCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCUGU G AUCCAGG   14830   ACCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCUGU G AUCCAGG   14830   ACCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCUGU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCUGU G GAGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCUGUAA G GAGAGUUU   41844   AUCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCUGUAA G GAGAGUUU   41844   AUCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCUGUAA G GAGAGUUU   41844   AUCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4574   AUCUGUAA G GAGAGUA   4184   AUCACACG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4584   AUCACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4584   AUCACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4584   AUCACACC GGAGGAAACCCCCUUCAAGGACAACCCCGGG   4584   AUCACACC GGAGGAAACCCCCUUCAAGGACAACCCCGGG   4584	6226	4804	D A	14823	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36558
4779   AUCOANAGE G GUUCCUUU 14825   AAAGGAGG GAAGGAAACUCCCUUCAAGGACAUGGUCCGGG AUGCCAAAC G GUUGCAAA G GUUGGAAA G GUUGGAAA G GUUGCAAA G GUUGGAAA AUGCCCUUCAAGGACAUCGUCCGGG 4714   AAGGGUUU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774   UAACUGCC G AAGAGAAACUCCCUUCAAGGACAUCGUCCGGG 4774   UAACUGC G AAGACAC 14831   GACGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4774   UAACUGC G AGCACAC G AAGACAC	6229	4801	Ö	14824	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36559
4756   AUGCCAMA G GGUGGGAA   14826   UCCA/CACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4755   UGCCAAAG G GGUGGGAA   14826   GUGGUUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4756   AAGGGGUU G GAAACACC   14826   GUGGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4774   UCCGCGCU G ANDACUCC   14826   GGGUGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4774   UCCGGCCU G ANDACUCC   14832   GGACGUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4774   UAACGCC G AGCCCCU G AGGCCCU GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4693   CAGCCCAC G AGCCCCU G AGGCCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4677   AUCCCUUUA G ACCCCGGU   14832   UCAUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4677   AUCCCUUUA G ACCCCGGU   14832   UCAUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4677   AUCCCGGU G GUGGUCC   14833   ACCGCCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4678   ACCCCGGU G GUGGUCC   14833   ACCGCCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4679   ACCCCGGU G GUGGUCC   14833   ACCGCCGCG GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4670   ACCCCGGU G GUGGUCC   14833   ACCGCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4671   AUCCCGGU G GUGGUCC   14841   ACCCCCCUCCGGGGAAACUCCCUUCAAGGACAUCGUCCGGG     4672   UUGGGGA G GGAGGUAC   14842   ACCCCCCUUCAAGGACAUCGUCCGGG     4673   UUGGGGA G GGAGGUAC   14842   GGACCCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4674   UUGGGGA G GAGGUAC   14841   GGACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4675   UUGGGGA G GAGGUAC   14841   GGACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4676   ACCCCUUCAA G GGAGGUAC   14841   GGACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4576   AUCCUCCU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4577   UUGUCAAG G GAAGUUA   14843   AUCCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4584   AUGCCCCA G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG     4585   GUGUNUU    GAGAGUAC   14842   GGACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG     4586   ACUCCCU	6251	4779	v	14825	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36560
4755   UGCCAAAA G GUGUGGAA   14827   UUCCACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4415   AAGGGGUGU G GAAACACC   14828   GUGUUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4714   UACUCGUU G AAAACACC   14831   GGGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4714   UCCUGGUU G AAAACACC   14831   GGGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4593   CAGCCCCC G AGCCCGU G AACACACC GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   UAAACACC G AGCCCGU G AGCCCCCUUCAAGGACAUCGUCCGGG   4671   UAAACACC G AGCCCGU G AGCCCCCUUCAAGGACAUCGUCCGGG   4671   UAAACACC G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   UAAACACC G GUGGUGC G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GUGCGUGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GUGCGGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GUGCGGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GUGCGGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCCUGUU G GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCUCGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCUCGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4671   AUCUCGU G GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4672   AUGGUAGA G AAGGUAGA G AAGAGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   GUAAUCAG G AAGAGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCUCAG GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCUCCCA GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4674   AUCCCCAG GAAGGAAACUCCCUUCAAGGACAACGCGGG   4674   AUCCCCAG GAAGGACAC GAACAGAC GAAGC	6274	4756	Ð	14826	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36561
4750         AMGGGUUGU G GARAACAC         14828         GUGGUUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4749         AGGGUGUG G AAAACACC         14829         GGAGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4714         UCCUGCUU G AUAACACC         14829         GGAGUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4704         UACUGCUU G AUACACCC         14831         GGGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4566         CAGGCUCU G AGCACGGU         14832         UCAUGACU G GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4671         UACCCGCGU         14833         UACAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4671         UACCCGGU         14835         UACAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4670         AUCCUGUA         A ACGACCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4671         UAGACGGU         GUGGUUGU         14835         ACCACCAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4670         AUCCUGUA         A GUGGUCCGG         14835         ACCACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4658         ACUCCUUG         A GUGGAAACUCCCUUCAAGGACAUCGUCCGGG         4650         ACUCCUUG         ACCACCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4658         ACUCCUUG         ACGACCCG         GGAGGAGAACUCCCUUCAAGGACAUCGGGGG         4650         ACCACCCUU	6275	4755	ღ	14827	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36562
4149   AAGGUGUG G AAAACACC   14839   GGUGUUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG   4714   UUCUUGUU G NAAACACC   14830   GGCGGUU GGAGGAAAACUCCCUUCAAGGACAUCGUCGGG   4693   CAGCCCCC G AGCAGUUGA GGAGGAAACUCCCCUUCAAGGACAUCGUCGGG   4693   CAGCCCCC G AGCAGUUGA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4693   CAGCCCCC G AGCAGUUGA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4677   AUACUCCC G AGCAGUUGA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4677   AUACUCCC G AGCAGUUG   14834   ACCGCGGU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4677   AUACCCCU G AGCAGUUC   14834   ACCGCGGU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4658   ACGCCGGU G GUGGUUCU   14834   ACCGCGGU GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4659   ACCCCUUCA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4650   ACCCCUUCA GGAGCAAACUCCCCUUCAAGGACAUCGUCCGGG   4650   ACCCCUUCA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4650   ACCCCUUCA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4650   ACCCCUUCA GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4650   ACCUCUCC   GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGGG   4550   ACCUCUCC   GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4550   ACCCCCC   GGAGGAAACUCCCCUUCAAGGACAUCGUCCGGG   4550   ACCCCCC   GGAGGAAACUCCCCUUCAAGGACAUCGGGGGGGGGGGGG	6280	4750	ŋ	14828	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36563
4714         UDCUGCUU G ARDAACUGC         14830         GCAGUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4893         CAACCOCC G AGCAGGCC         14811         GGGCUGCU GGAGGAAACUCCCUUCAAGGACAUCGGGG           4686         CABGCCCAC G AGUCAUGA         14832         UDCAGGAAACUCCCUUCAAGGACAUCGUCGGG           4677         AUCCUGUA         A BACCOCC         GUGGCGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4677         AUCCUGUA         A BACCUCCU         14834         ACCGGCGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4670         AUCCUGUA         A BUCCUGUA         14834         ACCGGCGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4610         AUCCCUUU         GUGGCGGU         14836         ACGACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4630         ACCUUU         GUGGCGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG         4637           4631         CCUUUGGU         GUGGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4634         AUGCCCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4637         CCUUUGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4639         UGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4630         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4631         UGAGGCCC         14841         GGAGCACU	6281	4749	9 9	14829	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36564
4704         UDACUGCC G AGCAGCCC         AGCAGCCCC         AGCAGCCCC         AGCAGCCCCC         GAGCACCCCC         GAGCACCCC         GAGGACACCCCCCCC         GAGGACACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	6316	4714	D G	14830	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36565
4693         CAGCCAC G AGUCANGA         14832         UCAUGACCUCCAAGGAAACUCCCUUCAAGGACAUCGUCCGGGG           4678         AGGCCGGU         14834         UACAGGGU         GAGGCAGUCGU         14834         ACCGCGCU         GAGGGAACUCCCUUCAAGGACAUCGUCGGG           4671         JUACUCUUN         G GUGGUCGU         14834         ACCGCGCU         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4671         UAGACGGU         G GUGGUCGU         14834         ACCGACCAC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4668         ACUCCUUU         G GUGGUCGU         14835         GACACCAC         GAGGGAACUCCCUUCAAGGACAUCGUCCGGG           4637         CCUUUGGU         G GUGGUCCC         14839         CACCUCCC         GAGGGAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUUGGUA         G GAGGUCUC         14839         CACCUCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUUGGUA         G GAGGUCUC         14840         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUGGUAA         G GAGGUCUC         14841         GGGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4639         UUGGUAA         AGGGACACU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4630         UUGGUAA         AGGGACACU         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         4534         UUACUCCCC         14	6326	4704	စ ပ	14831	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36566
4666         CORAGUCAN G ANCCUGUA         14833         UACAGGGA GAGGAAACUCCCUUCAAGGACAUCGGCGGGGGGGGGG	6337	4693	Ö	14832	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36567
4677         AUCCUGUA G ACGCCGGU         14834         ACCGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4671         UNGACGCC G GUGGUCGU         14835         ACGACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4660         ACUCCUUU G GUGGUGUA         14837         CCCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4637         CCUUUGGU         G GAGUGUC         14839         CACUCCCU           4637         CCUUUGGU         G GAGUGUC         14839         CACUCCCU           4637         CCUUUGGU         G GAGUGUC         14839         CACUCCCU           4637         UUGGUGAG         G AGUGUCC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4638         UUGGUGAG         G AGUGUCC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4639         UUGGGACAUC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4530         UUGGUAGA         G AGAGUUA         14843         GAACACUC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4534         UUGGUAGA         G AGAGUUA         14843         MAACUCU         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4556         GUGUAUU         AGUGCAAC         14842         UAACUCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG           4556         GUGUAUU         AGGGCAAG         14843         AAACUCCC         GAGGGAACUCGCCCUCC	6344	4686	D	14833	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36568
4671         UMARCGCC G GUGGUCGU         14835         ACGACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4668         ACGCCGGU         GACGCCGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4668         ACCUCUUG         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4637         CCUUUGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4637         UUUGGUGA         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4634         UUUGGUGA         GGAGGUUCC         GGAGCACUC         GGAGGAAACUCCCUUCAAGGACACUCGGGG           4634         UUUGGUGA         G GAGGUUCC         14840         GGACCUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4634         UUUGGUGA         G AGAGUUCC         14841         GGACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4637         UUUGGUGA         G AGAGUUCC         14841         GGACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4597         UGUGUAU         GAGGACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG         4594         GUACUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4571         UGUNUUGA         GAGGACAUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4594         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4558         GUUNUUGA         GAGGGAAACUCCCUUCAAGGACAUCGUCGGG         4594         GGAGGACAUCG         GGAGGAAACUCCCUUCAAGGACAC	6353	4677	ø	14834	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36569
4668         ACGCCGGU G GUCGUGUC         14836         GACACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4640         ACUCCUUU G GUCAGGAA         14837         UCCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4637         CCUUUGU G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4634         UUGGUGAG G AGUGUCC           4634         UUGGUGAG G GAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4634         UUGGUGAG G AGUGUCC           4635         UUGGUGAG G AGUGUCC         14840         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUGGUGAG G AGUGUUC         14841         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4536         GUGUNUUG G AGAGUUA         14842         UAGACCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4556         GUGUNUUG G AGAGUUA         14843         AUAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUGUNUUG G AGAGUUA         14843         AUAACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUGUNUUG G AGAGUUA         14845         CUUGCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUAUUGGA         GGAAGUA         14845         AUCUUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUAUCUCC         14844         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4554         GUACUCCA         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4560<	6329	4671	O	14835	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36570
4640         ACUCCUUU G GUGAGGAA         14837         UCCCUCAC GGAGGAAACUCAUCAAGGACAUCGUCCGGG           4637         CCUUUGGU G GAGGUGUC         14838         CACUCCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4635         UUGGUGAG G GAGUGUC         14849         GACACUCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUGGUGAG G AGUGUCC         14841         GGACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4534         UGGUGAGG G AGUGUCC         14841         GGACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4596         GUGUAUU G GAGGUAUC         14843         UAACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4594         GUUNUGGA G AGUUNUC         14843         UAACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUUNUGGA G AGUUNUC         14844         GGAUDACU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4554         GUNUUGGA G AGUUNC         14845         CUUGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         456         AUCUGCCCGGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4560         ACUACUC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         456         AUCUGCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4560         ACUACUCC         GGAGGGAAACUCCCUUCAA	6362	4668	ט	14836	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36571
4637         CCUUUGGU G AGGAGUG         14838         CACUCCCU GGAGGAACUCCUUCAAGGACAUCGUCCGGG           4635         UUUGGUGA G GGAGUGUC         14839         GACACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUGGUGAG G GAGUGUC         14841         GGACACUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4633         UGGUGAUU         G AGUGUCC         14841         GGAGCACU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4597         UGGUGAUU         G AGGUUA         14842         UAACUCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4594         GUAUUGGA         AGGGCAAG         14845         UAACUCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4554         GUAUUGGA         AGGGCAAGAU         14845         GUAGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4559         GUAUUGGA         G GCAAGAU         14845         GUGGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA         G GCAAGAU         14846         AUCUGCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA         G GCCAAGAU         14846         AUCUGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA         G GGAGGAA         14849         UGGCCCCCCCCCCCUUCAAGGACAUCGUCCGGG           4554	6390	4640	១	14837	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36572
4635         UNUGGUGA G GGAGUGUC         14839         GACACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4634         UUGGUGAG G GAGGUCC         14840         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4633         UGGUGAGG G AGUGUCC         14841         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4597         UGUGUAUU G GAGAGUNA         14842         UAACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4594         GUUNUGGA G AGUUNUC         14843         AUAACUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4568         GUNUGGA G AGGCAAG         14844         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA G GGCAAGAU         14845         AUCUGCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA G GGCAAGAU         14846         AUCUGCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA         G GCAAGAU         14846         AUCUGCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA         G GCAAGAU         14849         AUCUGCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         AUUGCCCA         G GGGGAAACUCCCUUCAAGGACAUCGUCCGGG         4560         AUCUGCCA         G GGGGAAACAU           4561         AUUGCCCA         G GGGGAGAACAUCCUCAACACACACCCCUCCAACACACACA	6393	4637	ט	14838	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36573
4634         UNGGUGAG G GAGUGUCC         14840         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4633         UGGUGAGG G AGUGUCC         14841         GGACACUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4597         UGUGUAUU G GAGGAUAU         14842         UAACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUAUNGGA G AGAGUAU         14843         AUACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUAUNGGA G AGAGUAU         14844         GGAUAACU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUAUNGGA G AGUUAUC         14844         GGAUAACU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUACUCAG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUACUCGC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUCUGCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUCUCCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564           4569         ACUACUG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUCUCCCG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUCUCCCG         GGAGGAGAACUCCCUUCAAGGACAUCGUCCGGG         4564         AUCUCCCG	6395	4635	ס	14839	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36574
4633         UGGUGANGG G AGUGUCCC         14841         GGGACACU GGAGGAACUCCUUCAAGGACAUCGUCCGGG           4597         UGUGUAUU G GAGAGUUA         14842         UAACUCUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           4596         GUGUAUUG G AGAGUUAU         14843         AUAACUCUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           4594         GUAUUGGA G AGUUAUCC         14844         GGAUGAACU         GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           4594         GUAUUGGA G AGUUAUCC         14845         CUUGCCCU         GGAGGAACUCCCUUCAAGGACAUCGUCCGGG           4571         CAACUACUGA G GGCAACAU         14845         CUUGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         ACUACUGA G GGCAACAU         14846         AUCUUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         CUACUGAG         GGCAACAU         14849         AUCUUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4569         CUACUGAG         GGGGUGUA         14849         UACACCCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         GAGGUGUAC         14849         UACACCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4552         UGCCCAAG         GGGGUGUA         14851         CGUACACC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         GCCCAAGG         GGGUGUAC         14852	6396	4634	0	14840	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36575
4597         UGUGUAUU G GAGAGUUA         14842         UAACUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4596         GUGUAUUG G AGAGUUAU         14843         AUAACUCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUGUAUUG G AGAGUUAC         14844         GGAJAACU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4571         CAACUACU G AGGCAAGAU         14845         CUUGCCCU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GGCAAGAU         14846         AUCUUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GCAAGAU         14847         AUCUUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4569         ACUACUGA         G GGAGUGUA         14848         UGGGCAAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4569         ACUACUGA         G GGGUGUA         14848         UGGGCAAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4554         AUUGCCCA         G GGGUGUAC         14849         UACACCCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4554         AUUGCCCAG         G GGGUGUAC         14851         UACACCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         AUGCCCAGG         G GGGUGUAC         14852         UACACCC         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           <	6397	4633	0	14841	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36576
4596         GUGUAUUG G AGAGUUAU         14843         AUAACUCU GGAGGAACUCCCUUCAAGGACAUCGUCGGGG           4594         GUNUUGGA G AGUUAUCC         14844         GGAUAACU GAGGGAACUCCCUUCAAGGACAUCGUCGGGG           4571         CAACUACU G AGGCAAGAU         14845         CUUGCCCU GGAGGAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GGCAAGAU         14846         AUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GCAAGAUU         14847         AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GCAAGAUU         14848         UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4554         AUUGCCCAG G GGGGUGUA         14849         UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4553         UUGCCCAGG G GGGUGUAC         14850         UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         AUUGCCCAG G GGGUGUAC         14851         UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         AUUGCCCAG G GGGUGUAC         14851         GGUACACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         AUCCCCAGG G GGGGGAAC         GGGUGUAC         14851         GGUACACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         AUCCCCAGG G GGGGGAACCCCUUCAAGGACAUCGUCCGGG         14852         GGGGUACAC         GGGGGAGACCCCUUCAAGGACACCCUUCAACGACACCCCUUCAACACACAC	6433	4597	ט ב	14842	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	36577
4594         GUADUGGA G AGUNAUCC         14844         GGAUAACU GGAGGAACUCCCUUCAAGGACAUCGUCGGGG           4571         CAACUACU G AGGCAAG         14845         CUUGCCCU GGAGGAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GGCAAGAU         14846         AUCUUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GCAAGAUU         14847         AAUCUUGC         GGAGGGAAACUCCCUUCAAGGACAUCGUCGGGG           4563         GAGGGCAA         G AUUGCCCA         14848         UGGGCAAU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4554         AUUGCCCA         G GGGUGUA         14849         UACACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4553         UUGCCCAGG         G GGGUGUAC         14850         UACACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         UUGCCCAGG         G GGUGUAC         GUACACC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4552         UUGCCCAGG         G GGUGUAC         14851         CGUACACC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         GCCCAAGG         G GUGUACG         14852         GCGUACAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4533         CUAACACG         GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG         14852         GCGUACAC         GGAGGGAAACUCCCUUCAAGGACAUCGUCCGGG	6434	4596	Ü	14843	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36578
4571         CAACUACU G AGGCAAG         14845         CUUGCCCU GGAGGAAACUCCUUCAAGGACAUCGUCGGGG           4569         ACUACUGA G GGAAGAU         14846         AUCUUGCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4568         CUACUGAG         G GCAAGAU         14847         AAUCUUGC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4563         GAGGGCAA         G ADUGCCA         14849         UGGGCAAU         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4554         AUUGCCAG         G GGGUGUA         14849         UACACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4553         UUGCCCAG         G GGGUGUAC         14850         GUACACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         UUGCCCAG         G GGUGUACG         GUACACCC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         UUGCCCAGG         G GUGUACG         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG           4531         GCCCAAGG         G GUGUACG         14851         GCGUACAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AUCCCCAAGG         G GUGUACG         14852         GCGUACAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCG         AGACAGAC         14852         GCGUACAC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AA	6436	4594	o	14844	GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	36579
4569         ACUACUGA G GGCAAGAU         14846         AUCUUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4568         CUACUGAG G GCAAGAUU         14847         AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4563         GAGGGCAA G AUUGCCCA         14848         UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4554         AUUGCCCA G GGGGUGUA         14849         UACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4553         UUGCCCAG G GGGGUGUAC         14850         GUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4531         GCCCAAGG G GGGGUGUAC         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         GCCCAAGG G GGGGGGAA         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14853         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14854         UGGUCUCUC         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14854         UGGUCUCGUCCUUCAAGGACAUCGUCCGGG         GCGUACACG GAGGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AACAUUCC	6459	4571	0	14845	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36580
4568         CUACUGAG G GCAAGAUU         14847         AAUCUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4563         GAGGGCAA G AUUGCCCA         14848         UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4554         AUUGCCCA G GGGGGUUA         14849         UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4552         UGCCCAGG G GGUGUACG         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         GCCCAGGG G GGUGUACG         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         GCCCAGGG G GGGGGAAACUCCCUUCAAGGACAUCGUCCGGG         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14853         GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14854         UGGUCUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         ACCAUUCU         AABAUGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         ACCAUUCU         AABAUGGU	6461	4569	ט	14846	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36581
4563         GAGGGCAA G AUUGCCCA         14848         UGGGCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4554         AUUGCCCA G GGGUGUA         14849         UACACCCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4553         UUGCCAGG G GGUGUACG         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4551         UGCCAGGG G GUGUACG         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         CUAAUCGC G AGACAGAC         14853         GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4527         ACCAUUCU         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         ACCAUUCU         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4529         UCUUCCAA G ACAUUCU         14855         AGGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4499         UCUUCCAA G AGCAUCCA         AGGAGGAAACCCCUUCAAGGACAUCGUCGGG           4499	6462	4568	<b>ი</b>	14847	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36582
4554         AUUGCCCA G GGGGUGUA         14849         UACACCCC GGAGGAAACUCCUUCAAGGACAUCGUCGGGG           4553         UUGCCCAG G GGGUGUAC         14850         GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4552         UGCCCAGG G GGUGUACG         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG           4551         GCCCAGG G GUGUACGC         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G AGACAGAC         14853         GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACCA         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4527         GCGAGACA         14855         AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         ACCAUUCU         14856         UGGAUGCU           4518         ACCAUUCU         GAAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         ACCAUUCU         14855         AGAAUGGU           4518         ACCAUUCU         AGAAUGGU         AGAGGAAACUCCCUUCAAGGACAUCGUCGGG           4518         ACCAUUCU         AGAAUGGU         AGAGGAAACUCCUUCAAGGACAUCGUCGGG	6467	4563	٥	14848	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36583
4553         UNGCCCAG G GGGUGUAC         14850         GUACACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4552         UGCCCAGG G GGUGUACG         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         GCCCAGG G GUGUACGC         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         CUAAUCG G AGACAGAC         14853         GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4527         GCGAGGACAUCGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4527         GCGAGGACAUCGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         AGAAUGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         AGCAUUCU         14855         AGAAUGGU           4518         ACCAUUCA         14856         AGAAUGGU           4518         ACCAUUCA         AGAAUGGU         GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	6476	4554	0	14849	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36584
4552         UGCCAGG G GGUGUACG         14851         CGUACACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4551         GCCCAGG G GUGUACGC         14852         GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         CUAAUCG G AGACAGAC         14853         GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4531         AAUCGCGA G ACAGACA         14854         UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4527         GCGAGGACAUCUC         14855         AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4518         ACCAUUCU         14855         AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG           4599         UCUUCCAA G GGAGCAACCCUUCAAGGACAUCGUCCGGG         14857         AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	6477	4553	O	14850	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36585
4551 GCCCAGGG G GUGUACGC 14852 GCGUACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 4533 CUAAUCGC G AGACAGAC 14853 GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 4527 GCGAGACA G ACCAUUCU 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGGGGGAACUCCUUCAAGGACAUCGUCCGGGGGGGAACUCCUUCAAGGACAUCGUCCGGGGGGGG	6478	4552	0	14851	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36586
4533 CURANCGC G AGACAGAC 14853 GUCUGUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGGG 4527 GCGAGACA G ACCAUUCU G AGCAUCC 14855 AGAAUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	6479	4551	ا ه	14852	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36587
4531 AAUCGCGA G ACAGACCA 14854 UGGUCUGU GGAGGAAACUCCCUUCAAGGACCAUCGGGGGGGGGG	6497	4533	0	14853	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36588
4518 ACCAUUCU G AGCAUCCA 14856 AGANGGU GGAGGAAACUCCCUUCAAGGACAUCGUGGGG 4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG	6433	4531	0	14854	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36589
4518 ACCAUUCU G AGCAUCCA 14856 UGGAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG 4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	6503	4527	0	14855	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36590
4499 UCUUCCAA G GUGCUCCU 14857 AGGAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	6512	4518	O	14856	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36591
	6531	4499	ט	14857	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36592

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Table	

6540	4490	GUGCUCCU G GAUCAUUC	14858	GAAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGCAC	GCAC	36593
6541	4489	B	14859	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	AGCA	36594
6551	4479	ø	14860	UUCCAGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUGAAUGA	AUGA	36595
6556	4474	CAUGAGCU G GAAGUUUC	14861	GAAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUCAUG	CAUG	36596
6557	4473	9	14862	GGAAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUCAU	UCAU	36597
0099	4430	Ö	14863	UACAGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCGAAA	GAAA	36598
6629	4401	CUUUCCCA G GAAAUGUC	14864	GACAUTUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAG	AAAG	36599
6630	4400	Ö	14865	GGACAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGGAAA	GAAA	36600
9999	4364	ø	14866	UGGGAAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGAUA	GAUA	36601
6675	4355	O	14867	CGUGAUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGAAAU	AAAU	36602
6683	4347		14868	GCUGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUUUC	מממכ	36603
8699	4332	GCAAACAU G AGCCCCGC	14869	GCGGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUUUGC	DOCC	36604
6707	4323	AGCCCCGC G AUAGUCAU	14870	AUGACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGGGGCU	GGCD	36605
6717	4313	UAGUCAUU G GAAUGGCC	14871	GGCCAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGACUA	ACUA	36606
6718	4312	Ð	14872	UGGCCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAUGACU	GACU	36607
6722	4308	Ð	14873	UCCAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCAAU	CAAU	36608
6728	4302		14874	AUUGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGCCAU	CCAU	36609
6229	4301	UGGCCAUG G AGUCAAUG	14875	CAUUGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGCCA	GCCA	36610
6758	4272	AGCCCUCC G ACGAUGGC	14876	GCCAUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGGCU	GGCU	36611
6761	4269	CCUCCGAC G AUGGCAAA	14877	UUUGCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCGGAGG	GAGG	36612
6764	4266	o o	14878	AUGUIUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCGUCGG	UCGG	36613
6775	4255	O	14879	CUGUCGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAUGUUU	GUUG	36614
6229	4251	Ö	14880	ACAGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCCUAAU	UAAU	36615
6803	4227	Ö	14881	GGAUGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAACUGA	CUGA	36616
6804	4326	O	14882	CGGAUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAACUG	ACUG	36617
6820	4210	ຍ	14883	AUCCCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUAAACGC	ACGC	36618
6824	4206	Ö	14884	UGUGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCGUAA	GUAA	36619
6825	4205	פ	14885	AUGUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACCGUA	CGUA	36620
6826	4204	ט	14886		CCGU	36621
6853	4177	ט	14887		UGCU	36622
6854	4176	0	14888	CCCAUGAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUUGCUGC	CUGC	36623
6860	4170	ט כ	14889	UUCAACCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUCCU	UCCU	36624
6861	4169	O	14890	UUUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGAUCC	AUCC	36625
6862	4168	Ö	14891	UUUUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCAUGAUC	GAUC	36626
9989	4164	D G	14892	GGACUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCCAU	CCAU	36627
6879	4151	GUCCUGUU G AGGCUAGA	14893	UCUAGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGGAC	GGAC	36628
6881	4149	CCUGUUGA G GCUAGAGC	14894	GCUCUAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACAGG	CAGG	36629
6886	4144	Ð	14895	GCUUGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCUCA	CUCA	36630
6901	4129	D E	14896	GAGCAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUAUGC	AUGC	36631
6944	4086	UUCUCCCU G AUCAAGCU	14897	AGCUUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGAGAA	AGAA	36632

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6962	4068	ט	14898	- 1	- 1	36633
6994	4036	ဗ	14899	GCUUGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UGGAUGUG	36634
7013	4017	O	14900	CUAACACC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	G GGCUGAG	36635
7014	4016	O	14901	GCUAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CGGCCUGA	36636
7024	4006	Ö	14902	UGCUAGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	G UGCUAACA	36637
7025	4005	GUUAGCAG G GCUAGCAG	14903	CUGCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CUGCUAAC	36638
7035	3995	ט	14904	GGUUGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G GCUGCUAG	36639
7036	3994	O	14905	UGGUUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CGCUGCUA	36640
7050	3980	ccacguuu g augucguu	14906	AACGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AAACGUGG	36641
7061	3969	GUCGUUGU G AAUGUUAU	14907	AUAACAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G ACAACGAC	36642
7070	3960	eu G	14908	CUGAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AUAACAUU	36643
7101	3929	ŋ	14909	GUUGAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G ACUGGCGG	36644
7116	3914	g	14910	GGAGAUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UGAUGUGU	36645
7117	3913	CACAUCAG G GAUCUCCC	14911	GGGAGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CUGAUGUG	36646
7118	3912	ACAUCAGG G AUCUCCCA	14912	UGGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CCUGAUGU	36647
7127	3903	O	14913	AUTCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UGGGAGAU	36648
7132	3898	CCAGAGCA G AAUUUGGC	14914	GCCAAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g ugcucugg	36649
7138	3892	CAGAAUUU G GCGGGCAU	14915	AUGCCCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AAAUUCUG	36650
7141	3889	ט	14916	ACGAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG		36651
7142	3888	AUTUGGCG G GCAUCGUG	14917	CACGAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G CGCCAAAU	36652
7150	3880	<b>5</b>	14918	UGGCUUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G ACGAUGCC	36653
7162	3868		14919	UUUUCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AAAUGGCU	36654
7166	3864	ט	14920	GCUGUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UUUCAAAU	36655
7201	3829	ט	14921	GGACCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AGGAGAAC	36656
7205	3825	Ö	14922	AGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AACCAGGA	36657
7220	3810	ט	14923	UCGUIUCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG	G AAAGCGAG	36658
7222	3808	Ö	14924	CAUCGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UCAAAGCG	36659
7227	3803	0	14925		g guurcuca	36660
7245	3785	0	14926		g AGUGUUUA	36661
7256	3774	0	14927	GCGACCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AAGAUACA	36662
7259	3771	Ð	14928	AUGGCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UUCAAGAU	36663
7268	3762	0	14929	UUGGCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G AUGGCGAC	36664
7296	3734	ט	14930	AUCUAAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G GGGAGGAG	36665
7302	3728	O	14931	CGCAGAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G UAAUUCGG	36666
7310	3720	Ö	14932	GCAGCUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	G GCAGAAUC	36667
7328	3702	₽ ¥	14933	UAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g ungguage	36668
7331	3699	δ U	14934	CGCUAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g AUCUUGGU	36669
7375	3655		14935	UGCUAGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g ugguduuu	36670
7376	3654	U	14936	CUGCUAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g cugadadu	36671
7384	3646	GACUAGCA G AGCAAUCA	14937	UGAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	g UGCUAGUC	36672

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7401	3629	GUAUAGCU G GCAUGCUG	14938	CAGCAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUAUAC	JAUAC	36673
7409	3621	GGCAUGCU G AUCUUGGC	14939	1	MGCC	36674
7415	3615		14940	nggacagc ggaggaaaccourcaaggacaucgucggg sagaucag	UCAG	36675
7432	3598	ccucuuge g AAGGACCU	14941	AGGUCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GCAAGAGG	GAGG	36676
7435	3595	Ð	14942	AGGAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUCGCAAG	CAAG	36677
7436	3594	ß	14943	CAGGAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CUUCGCAA	GCAA	36678
7444	3586	9 9	14944	DESCENCE GENERAL COUNTRACERCAUCEUCEGE AGENCEUCE	<b>AGGUC</b>	36679
7445	3585	ACCUCCUG G GUGGCCAA	14945	UUGGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG CAGGAGGU	AGGU	36680
7448	3582	Ö	14946	UNCUUGGO GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCCAGGA	AGGA	36681
7454	3576	GUGGCCAA G AACACGAC	14947	GUCGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUGGCCAC	SCCAC	36682
7460	3570	AAGAACAC G ACCAGAAG	14948	CUUCUGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUGUUCUU	מכתת	36683
7465	3565	ຍ	14949	UGGGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UGGUCGUG	JCGUG	36684
7468	3562	GACCAGAA G GCCCAACU	14950	AGUIGGE GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUCUGGUC	JGGUC	36685
7477	3553	GCCCAACU G AAAAGGGU	14951	ACCCUUUU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGUUGGGC	JGGGC	36686
7482	3548	ACUGAAAA G GGUCAAUC	14952	GAUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UUUUCAGU	CAGU	36687
7483	3547	CUGAAAAG G GUCAAUCA	14953	nganngac ggaggaaacucccuucaaggacaucgucgg cuuucag	JUCAG	36688
7518	3512	ucacuusu s acuscacs	14954	CONGCION GONGGAPACINCONAGORCANCONGCIGGO ACAAGUGA	GUGA	36689
7526	3504	ß	14955	AAGACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG GUGCAGUC	AGUC	36690
7528	3502	Ð	14956	PAPAGACC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG UCGUGCAG	JGCAG	36691
7529	3501	UGCACGAG G GUCUUUUC	14957	CAAAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG CUCGUGCAA	SUGCA	36692
7551	3479	encacene e encaevac	14958	CAUCAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACAGAGAC	AGAC	36693
7556	3474	O	14959	AUGGAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCGGG AGACCACA	CACA	36694
7591	3439	IJ	14960	UGCGCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGGG AAACUGAC	COGAC	36695
7602	3428	AGCGCAGU G GUGGUAAG	14961	CUDACCAC GGAGGAAACUCCOUCAAGGACAUCGUCGGG ACUGCGCU	ກວອວຄ	36996
7605	3425	ø	14962	CACCUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACCACUGC	COGC	36697
7610	3420	Ø	14963	AGCUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUACCACC	CACC	36998
7658	3372	Ø	14964	CGCACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCGGG ACAGAGAG	AGAG	36699
7661	3369	o۱	14965	ACUCGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACAGA	CAGA	36700
7666	3364	O	14966	- 1	CACC	36701
7670	3360	O	14967	GGACCUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCGCAC	GCAC	36702
7674	3356	0 4	14968	CCGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCCACUC	ACUC	36703
7681	3349	O	14969	GCGGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGACCU	ACCU	36704
7702	3328	O	14970	CGGUCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGUGAG	UGAG	36705
7703	3327	ט	14971	ACGGUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAGUGA	GUGA	36706
7706	3324	CUCAGGGU G ACCGUAGU	14972	ACUACGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUGAG	UGAG	36707
7719	3311	B B	14973	UNACUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAACUA	ACUA	36708
7720	3310	ЭĞ	14974	AUDACUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGGAACU	AACU	36709
7730	3300	O	14975	AUUGACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUUACUG	ACUG	36710
7747	3283	O	14976	ACGAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGUAGAG	IAGAG	36711
7761	3269	CGUCCCAU G GGCCCUGG	14977	CCAGGGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGACG	GACG	36712

Table XII

7762	3268	GUCCCAUG G GCCCUGGU	14978	ACCAGGGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGGAC	36713
7768	3262	uggeccu e gunnugue	14979	CACAAAAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGGCCCA	36714
7788	3242	UGUACCCA G GUCUCCGA	14980	UCGGAGAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUACA	36715
7795	3235	AGGUCUCC G AUUGUGAU	14981	AUCACAAU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCU	36716
7801	3229	ບ	14982	GAAGCAAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUCGG	36717
7812	3218	b	14983	GGCGGGAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA	36718
7826	3204	eccagueu e acueeuau	14984	AUACCAGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACUGGC	36719
7830	3200	andnasca e ansanasa	14985	GAUAAUAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUCACAC	36720
7852	3178	ACUCUCAA G GAUUCCAU	14986	AUGGAAUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAGAGU	36721
7853	3177	CUCUCAAG G AUUCCAUC	14987	GAUGGAAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAGAG	36722
7871	3159	AA G	14988	ACGCAUAC (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGUGGGG	36723
7884	3146	ტ	14989	UACGUGGC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAGACGC	36724
7896	3134	ACGUACAU O AUUUGACU	14990	AGUCAAAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGUACGU	36725
1901	3129	CAUGAUUU G ACUUCACC	14991	GGUGAAGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUCAUG	36726
7912	3118	UUCACCCA G AACUGCCC	14992	GGGCAGUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGUGAA	36727
7943	3087	ש	14993	AGCAGGCU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGAUAC	36728
7964	3066	AUCCAAUA G GACAGGUC	14994	GACCUGUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUUGGAU	36729
7965	3065		14995	UGACCUGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUUGGA	36730
1969	790€	AUAGGACA G GUCACUGU	14996	ACAGUGAC (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUCCUAU	36731
7978	3052	GUCACUGU G GAUCGCCA	14997	UGGCGAUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGUGAC	36732
1979	3051	UCACUGUG G AUCGCCAA	14998	UUGGCGAU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACAGUGA	36733
7997	3033	UDGUUCUU G ACAGCCGU	14999	ACGGCUGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAACAA	36734
8012	3018	GUUCCAAU G AUCUUCGA	15000	UCGAAGAU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGAAC	36735
8019	3011	ט	15001	AUGUGACU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAAGAUCA	36736
8048	2982	O	15002		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGAGAG	36737
8056	2974	GACCUUCA G GAACAUCC	15003	GGAUGUUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAGGUC	36738
8057	2973	o	15004	CGGAUGUU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAGGU	36739
8065	2965	ט	15005	CCAGCACU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAUGUUC	36740
8072	2958		15006		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACUCG	36741
8075	2955	O	15007	UVUGGUCU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAGCAC	36742
8077	2953	Ø	15008		GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCAGC	36743
8119	2911	O	15009	CUCAGAAU (	GOAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGCUUGG	36744
8125	2905	GCGAUUCU G AGUCGGAC	15010	GUCCGACU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAUCGC	36745
8130	2900	ß	12011	GGAAUGUC (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUCAGA	36746
8131	2899	ß	15012	AGGAAUGU (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACUCAG	36747
8141	2889	ט	15013	CCGGAGAC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGAAUG	36748
8148	2882	ซ	15014	UGAUGGUC	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGACCA	36749
8149	2881	GGUCUCCG G ACCAUCAA	15015	UUGAUGGU	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGGAGACC	36750
8165	2865	₽¥	15016	AACAACAC (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGUGGU	36751
8174	2856	guguuguu g gcgaguuc	15017	GAACUCGC (	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAACAC	36752

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8177	2853	илепивас в маписива	15018	CCAGAACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAACAA	36753
8184	2846	മാ	15019	AUTUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAACUCG	36754
8210	2820	UUUCCCCA G GCCUUCCA	15020	UGGAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGGGAAA	36755
8240	2790	ununcean a anaecaen	15021	ACCGCCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGAAAA	36756
8243	2787	ucceueeu e ececueae	15022	CUCACCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCACGGA	36757
8246	2784	evecuesc s suspesses	15023	CGCCUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCACCAC	36758
8249	2781	GUGGCGGU G AGGCGUUU .	15024	AAACGCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCGCCAC	36759
8251	2779	o.	15025	CUAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCACCGCC	36760
8259	2771	GGCGUUUA G GUGCUGAC	15026	GUCAGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAACGCC	36761
8265	2765	UAGGUGCU G ACUUGUAC	15027	GUACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCACCUA	36762
8297	2733	UCAACCAC G ACACUAAG	15028	CUNAGUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGGUUGA	36763
8305	2725	GACACUAA G GUCCACAC	15029	GUGUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGUGUC	36764
8329	2701	CUUCAAAA G AGUGUUCA	15030	UGAACACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGAAG	36765
8365	2665	CCACAUUU G AUGCUCCA	15031	UGGAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUGUGG	36766
8378	2652	UCCAGUCU G GAAACUGA	15032	UCAGUUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGACUGGA	36767
8379	2651	CCAGUCUG G AAACUGAU	15033	AUCAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGACUGG	36768
8385	2645	UGGAAACU G AUCGUAGA	15034	UCUACGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUUCCA	36769
8392	2638	UGAUCGUA G ACCGCACA	15035	UGUGCGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGAUCA	36770
8413	2617	UUCCUUAU G AGCUUUCU	15036	AGAAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAAGGAA	36771
8422	2608	AGCUUUCU G AAUGAUCU	15037	AGAUCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAAGCU	36772
8426	2604	UUCUGAAU G AUCUUGGC	15038	GCCAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCAGAA	36773
8432	2598	AUGAUCUU G GCUAGGCC	15039	GGCCUAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGAUCAU	36774
8437	2593	congacus a accouding	15040	CACAAGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAGCCAAG	36775
8445	2585	GECCUUGU G GCGUUUCA	15041	UGAAACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGGCC	36776
8454	9252	GCGUUUCA G GGUAAUAC	15042	GUAUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAAACGC	36777
8455	2575	CGUUUCAG G GUAAUACU	15043	AGUAUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAAACG	36778
8470	2560	CUUGUACC G GUCCAUCC	15044	GGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGUACAAG	36779
8501	2529		15045	GGAGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACACAA	36780
8533	2497	Ð	15046	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36781
8537	2493	Đ D:	15047	AUAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCCGGCA	36782
8546	2484	AUGUCUAU G GCACACCC	15048	GGGUGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGACAU	36783
8576	2454	O	15049	UUCCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAACGU	36784
8577	2453	Ø	15050	CUUCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGUGAACG	36785
8579	2451	O	15051	CUCUUCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCGUGAA	36786
8581	2449	CACGGAGA G GAAGAGCA	15052	UGCUCUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCCGUG	36787
8582	2448	ACGGAGAG G AAGAGCAG	15053	CUGCUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCCGU	36788
8282	2445	U	15054	GUUCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCCUCUC	36789
8590	2440	ប	15055	GAGGAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUUC	36790
8606	2424	3C G	15056	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36791
8608	2422	AACUGCGA G AAACGUGA	15057	UCACGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGCAGUU	36792

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8615	2415	AGAAACGU G AGAGCUAU	15058	AUAGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGUUUCU	36793
8617	2413	AAACGUGA G AGCUAUGG	15059		36794
8624	2406	O	15060	GAUAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUAGCUCU	36795
8625	2405	Ö	15061	UGAUAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUAGCUC	36796
8635	2395		15062	UCAAUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUGAUAGG	36797
8642	2388	ပ	15063	AUGGGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCUCG	36798
8659	2371	CCACAACA G GAGAGCCC	15064	GGCUCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUGUGG	36799
8660	2370	O	15065	GGGGCUCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CUGUUGUG	36800
8662	2368	O	15066	UGGGGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCCUGUUG	36801
8690	2340	Ð	15067	GGCAUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAUAAC	36802
8691	2339	Ö	15068	AGGCAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGGAUAA	36803
8702	2328	AUGCCUCC G AACAGUGA	15069	UCACUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGCAU	36804
8709	2321		15070	AUUCCGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUUCG	36805
8713	2317	ອ	15071	GAGCAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCACUG	36806
8714	2316	Ö	15072	GGAGCAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCUCACU	36807
8726	2304	GCUCCUCC G AACACUUG	15073	CAAGUGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAGGAGC	36808
8734	2296		15074	CUGUCCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUGUUC	36809
8737	2293		15075	AGGCUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCAAGUG	36810
8738	2292	O	15076	AAGGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCAAGU	36811
8754	2276	ט	15077	GUUCACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUUGGGA	36812
8756	2274	U	15078	GUGUUCAC GGAGGAACUCCCUUCAAGGACAUCGUCGGG UCAGUUGG	36813
8759	2271	ט	15079	GGGGUGUU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG ACCUCAGU	36814
8775	2255	0	15080		36815
8803	2227	اه	15081	- 1	36816
8807	2223		15082	AGACUAGO GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCUCUAGG	36817
8828	2202	σ	15083	ACCACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAGGAGC	36818
8830	2200	O	15084	CAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAAAGGA	36819
8831	2199	ס	15085	ACAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCAAAGG	36820
8834	2196	ซ	15086	UUUACAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUCAA	36821
8843	2187	ס	15087		36822
8865	2165	o	15088	GCACAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGGAAGCA	36823
8878	2152	GUGCCAAU G GUGAUUGA	15089	UCAAUCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGGCAC	36824
8881	2149	90 G	15090	AGAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCAUUGG	36825
8885	2145	Ø	15091	CAACAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCACCA	36826
8919	2111	O	15092	UGGAGACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACAUAG	36827
8930	2100	O	15093	GAACCACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUGGAGA	36828
8931	2099	0	15094	GGAACCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUGGAG	36829
8934	2096	O	15095	AUUGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACCCUUUG	36830
8950	2080	Ø	15096	CUAAGGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUUGAA	36831
8951	2079	UCAAUCAG G ACCUUAGC	15097	GCUAAGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGAUUGA	36832

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$\dashv$	UGGCCACU G	15100	UUUUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGCCA	36835
-	AAACAAAA G	12101	UGUCAACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUUUGUUU	36836
ᆛ	စ	15102	CUGUCAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUUUGUU	36837
$\dashv$	AAAGGGUU G	15103	GUCACUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCCUUU	36838
-	UUGACAGU G	15104	AGAUUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUGUCAA	36839
9012 2018	UGCCCACU G	15105		36840
-	O	15106	UGAACGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACGCCA	36841
4	O	15107	AGUGGCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUGAACG	36842
-}	ø	15108	UAUCUCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGGCUU	36843
$\dashv$	O	15109	UCCUAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GUCAGUGG	36844
$\dashv$	O	15110	GUUCCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGUCAGU	36845
-	ט	15111	CAAAGUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUCUCGU	36846
-	٥	15112	GCAAAGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUAUCUCG	36847
+	Ö	15113	GGAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGCAAAG	36848
-	ט	15114		36849
+	이	15115	GGGACUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCAGACAC	36850
-	٥	15116	UGGGACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCAGACA	36851
9121 1909	0	15117		36852
4	ס	15118	UCAAGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGGACU	36853
4	O	15119	- 1	36854
+	0	15120		36855
┥	ט	15121	UAUGGCGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUUCAAA	36856
+	ଠା	15122		36857
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-		15129	GCUGGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUUCCUGU	36864
4	0	15130	CUCUGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGCUUUG	36865
$\dashv$	٥	15131	AGGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCAUCAA	36866
ᅱ	이	15132	AUJGGGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAGAGG	36867
$\dashv$	o۱	15133	GAAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAUAG	36868
	O	15134	CCACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAAGCA	36869
+	ø	15135	UGAGGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACGCCA	36870
9393 1637	O	15136	CAACCUCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGAGCA	-36871
1636	GCUCCAAG G GAGGUUGA	15137	TO A COURT OF THE PROPERTY AND A STREET OF A STREET OF THE PROPERTY ASSESSMENT OF THE PROPERTY ASSESSMENT OF THE PROPERTY OF T	

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9395	1635	CUCCAAGG G AGGUUGAG	15138	CUCAACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCUUGGAG	36873
9397	1633	CCAAGGGA G GUUGAGGU	15139	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36874
9401	1629	ဗ	15140	AUGGACCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACCUCCC	36875
9403	1627	GAGGUUGA G GUCCAUGA	15141	UCAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCAACCUC	36876
9410	1620	AGGUCCAU G AACCACUC	15142	GAGUGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACCU	36877
9421	1609	O	15143	UGGUCCAU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GUGAGUGG	36878
9424	1606	CUCACGAU G GACCAAGA	15144	UCUUGGUC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUCGUGAG	36879
9425	1605	UCACGAUG G ACCAAGAA	15145	UNCUUGGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUCGUGA	36880
9431	1599	A G	15146	AAGACGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGUCCA	36881
9470	1560	UAUGCAUU G GUGUCAAU	15147	AUGACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUGCAUA	36882
9483	1547	Ø	15148	ACCACGGU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AGGGAUUG	36883
9489	1541	0 G	15149	CUGUGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGGUCAG	36884
9540	1490	GUGUGUAU G AAGGCGCC	15150	GGCGCCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUACACAC	36885
9543	1487		15151	UGCGGCGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UUCAUACA	36886
9552	1478	Ö	15152	CAUCACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCGGCGC	36887
9553	1477	3 G	15153	GCAUCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUGCGGCG	36888
9557	1473	Ø	15154	UUCAGCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCCUGC	36889
9563	1467	២	15155	GGGAGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAUCAC	36890
9577	1453	D G	15156	GAGCCACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGCAGGG	36891
9581	1449	5	15157	guuggage ggaggaaacucecuucaaggacaucguceggg acucagge	36892
9236	1434	ø	15158	AACUACUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACACAGGU	36893
9597	1433	Ö	15159	AAACUACU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACACAGG	36894
9612	1418	ס	15160	UGUGGAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCACGGAA	36895
9627	1403	Ö	15161	CCAUGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACUACUG	36896
9634	1396	0	15162	UUUUUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGACCA	36897
9635	1395	D D	15163	AUJUITUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAUGGACC	36898
9644	1386	D G	15164	GAAGUGGC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG AUUUUUGU	36899
9659	1371	O	15165	GAGAAUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGUACGA	36900
9674	1356	O	15166	AGAACCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAAAGA	36901
9677	1353	D D	15167	GGAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCUUGAA	36902
9692	1335	D	15168	UGCUCUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGCAAU	36903
6696	1331	9 A	15169	UGCCUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACCAAGG	36904
9704	1326	b G	15170	AAAUUUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGCUCUAC	36905
9713	1317	J G	15171	ACAUGCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAUUUGC	36906
9801	1229	ט	15172	UGCUGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCUUUUG	36907
9802	1228	D	15173	GUGCUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGCUUUU	36908
9823	1207	GUCAUUGU G AGCUUCUC	15174	GAGAAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAAUGAC	36909
9836	1194	UCUCCCAU G GUCGGGCA	15175	UGCCCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGGGAGA	36910
9840	1190	ט	15176	UGCGUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCAUGG	36911
9841	1189	CAUGGUCG G GCACGCAG	15177	CUGCGUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCAUG	36912
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8586	1172	ט	15180	CGAUCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CACCAAAG	36915
9860	1170	ט [	15181	AGCGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCCACCAA	36916
9862	1168	O	15182		36917
9869	1161	AGAUCGCU G ACGGUAGC	15183		36918
9872	1158		15184		36919
9895	1135	σl	15185		36920
9896	1134		15186	1	36921
9907	1123	0	15187		36922
9911	1119	ט	15188		36923
9941	1089	UUCACAUC G AUGGUAGG	15189	GGAGGAAACUCCCUUCAAGGACAIICGIICCGGG	36924
9944	1086	ACAUCGAU G GUAGGCUU	15190		36925
9948	1082	CEAUGGUA G GCUUGUCC	15191	GGAGGAAACUCCCIIUCAAGGACAIICGIICCGG	36926
0966	1070	UGUCCUUA G ACAUGAUA	15192	ı	75695
9962	1065	UVAGACAU G AUAGUCAC	15193	GGAGGAAACUCCCIIIICAAGGACAIICGIICGGG	96698
9989	1041	UCGCCUUC G AGAACCAA	15194	GGAGGAAACUCCCUUCAAGGACAIICGIICCGG	82696
9991	1039	GCCUUCGA G AACCAAAU	15195	GGAGGAAACHTCCATHTCAAGGAATCCCCCCCCCCCCCCC	26920
10017	1013	UUGCUCCA G ACACUCCU	15196	GGAGGAAAATICCCTTTCAAGGACAITCGTTCCCGG	26930
10031	666	CCUUCCAA G AAGUCUCU	15197	GGAGGAAACTICCCTITCAAGGACACCCGGG	10000
10054	976	Ø	15198	GGAGGAAAATICCCIIITAAAGACACICGGGG	36932
10001	696	O	15199	GCACGAAACIICCCIIIICAACCACACCACCGGG	36933
10074	956	UGUAAGCU G GGGCCACC	15200	OCHOCA NA POLICIO CONTRACTOR AND CONTRACTOR OF THE CONTRACTOR OF T	30334
10075	955	O	15201	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36935
10076	954	ď	15202	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36936
10097	933	) c	20251	GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG	36937
1001	25	ם כ	15203		36938
10176	217	- 1	15204	ı	36939
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10181	849	O	15211		36946
10188	842	AGAUCCAU G AUUCUGUU	15212	AACAGAAU GGAGGAAACUCCCUUCAAGGACAIICGIICCGGG AIIGGAIICII	36947
10214	916	UACCUUGU G GCCUUGGU	15213		36948
10220	810	dugeccuu e euecueuc	15214		36969
10255	775	GUICGCUA G AGUGCUUU	15215	GGAGGAAACUCCCTIIICAAGGACAIICGIICGGG	36950
10287	743	CUGUCAGU G ACCUCCGA	15216	GGAGGAAACHCCCTIIICAAGGACAHCGHCCGGG	36951
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10309	721	ucuugagu g gcgugucu	15219	AGACACGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUCAAGA	36954
10319	711	caudocou a augcaucu	15220	AGAUGCAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGACACG	36955
10337	693	CCAUACCU G ACGUAGAC	15221	GUCUACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUAUGG	36956
10343	687	CUGACGUA G ACUGCUGA	15222	UCAGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UACGUCAG	36957
10350	680	D G	15223	CACAAAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCAGUCU	36958
10370	660	Ø	15224	GAAGACAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACUGUUG	36959
10380	650	UGUCCUCCU G GAUCAUUA	15225	UAAUGAUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAAGACA	36960
10381	649	D D	15226	GUAAUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGAAGAC	36961
10395	635		15227	AGUGCUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCUGGUA	36962
10404	626	e Si	15228	UGAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUGU	36963
10405	625	Ø	15229	AUGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAGUGCUG	36964
10418	612	ອ	15230	GAUACUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACUUAUGA	36965
10457	573	ຍ	15231	UGCAUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGAGCAAU	36966
10468	562	AAUGCAUA G GUUCUUUC	15232	GAAAGAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAUGCAUU	36967
10488	542	ย	15233	CACGAUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AACAGCUG	36968
10489	541	Ö	15234	UCACGAUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAACAGCU	36969
10496	534	ಅ	15235	GAUGUCAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACGAUUCC	36970
10499	531	ø	15236	ACAGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUCACGAU	36971
10508	522	ACAUCUGU G ACGUCAGU	15237	ACUGACGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGAUGU	36972
10546	484	CUUCCCUU G GAAGUUAG	15238	CUAACUUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAGGGAAG	36973
10547	483	Ö	15239	UCUAACUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CAAGGGAA	36974
10554	476	ט	15240	UACCCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAACUUCC	36975
10556	474	ø	15241	GUNACCCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUAACUU	36976
10558	472	ט	15242	CAGUUACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCUCUAAC	36977
10559	471	ט	15243	GCAGUUAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUCUCUAA	36978
10577	453	o D	15244	CUGAUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGCGUAGG	36979
10580	450	ט	15245	GGCCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCCAGCGU	36980
10585	445	ס	15246	UGAUUGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCGCC	36981
10595	435	ט	15247	AUUGCAGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AUGAUUGG	36982
10607	423	ซ	15248	GGAAAGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGAAUUGC	36983
10635	395	D D	15249	GCGGAGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAAACAAA	36984
10645	385	GCUCCGCC G AUUGAUAG	15250	CUAUCAAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGCGGAGC	36985
10649	381	Ö	15251	AGUGCUAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUCGGCG	36986
10658	372	v	15252	ACCUUGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGUGCUAU	36987
10664	366	ø	15253	CUAGGGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGACCAG	36988
10690	340	ס	15254		36989
10693	337	O A	1525\$	UGAAACAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCUGAGU	36990
10732	298	0	15256	UGCUGGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGGAGA	36991
10747	283	CACUGCUC G GGUCGGAG	15257	CUCCGACC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAGCAGUG	36992

Table XII

10748	282	ACUGCUCG G GUCGGAGC	15258	GCUCCGAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGAGCAGU	36993
10752	278	CUCGGGUC G GAGCAAUU	15259	AAUUGCUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACCCGAG	36994
10753	277	UCGGGUCG G AGCAAUUG	15260	CAAUUGCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGACCCGA	36995
10766	264	AUUGCUGU G AACCUGAA	15261	UUCAGGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG ACAGCAAU	36996
10772	258	GUGAACCU G AAGAACGC	15262	GCGUUCUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGUUCAC	36997
10775	255	AACCUGAA G AACGCCAA	15263	UNGGCGUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUCAGGUU	36998
10784	246	AACGCCAA G AGAGCCAA	15264	UNGGCUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGGCGUU	36999
10786	244	CGCCAAGA G AGCCAACA	15265	UGUUGGCU GGAGGAACUCCCUUCAAGGACAUCGUCCGGG UCUUGGCG	37000
10806	224	AUCGUAUU G GCCCCUUG	15266	CAAGGGGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AAUACGAU	37001
10820	210	UNGCCOUC G AUCAGGCU	15267	AGCCUGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GACGGCAA	37002
10825	205	GUCGAUCA G GCUCAACA	15268	UGUUGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGAUCGAC	37003
10856	174	CCAAUCAA G GACAACAC	15269	GUGUUGUC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUGAUUGG	37004
10857	173	CAAUCAAG G ACAACACG	15270	CGUGUUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CUUGAUUG	37005
10867	163	CAACACGC G GGGCAUUC	15271	GAAUGCCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GCGUGUUG	31006
10868	162	AACACGCG G GGCAUUCC	15272	GGAAUGCC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CGCGUGUU	37007
10869	191	ACACGCGG G GCAUUCCG	15273	CGGAAUGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG CCGCGUGU	37008
10892	138	AGCAUAUU G ACAGCCCG	15274	cegecueu geaceaacucccuucaagacauceuccege aauaugcu	37009
10900	130	GACAGCCC G GCUCUUGC	15275	GCAAGAGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GGGCUGUC	37010
10910	120	cucunecc e eecccucc	15276	GGAGGGCC GGAGGAACUCCCUUCAAGGACAUCGUCCGGG GGCAAGAG	37011
10911	119	ucunecce e eccencen	15277	AGGAGGG GGAGGAACUCCCUUCAAGGACAUCGUCCGGG CGGCAAGA	37012
10920	110	GCCCUCCU G GUUUCUUA	15278	UAAGAAAC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG AGGAGGGC	37013
10929	101	GUUUCUUA G ACAUCGAG	15279	CUCGAUGU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UAAGAAAC	37014
10935	92	UAGACAUC G AGAUCUUC	15280	GAAGAUCU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG GAUGUCUA	37015
10937	93	GACAUCGA G AUCUUCGU	15281	ACGAAGAU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UCGAUGUC	37016
10951	79	CGUGCUAA G AAACAGCU	15282	AGCUGUUU GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UUAGCACG	37017
11019	11	CUCACACA G GCGAACUA	15283	UAGUUCGC GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG UGUGAG	37018

Input Sequence = AF196835\_rc. Cut Site = G/.
Arm Length = 8. Core Sequence = GGAGGAAACUCCCUUCAAGGACAUCGUCCGGG
AF196835\_rc reverse complement of West Nile virus strain NY99-flamingo382-99, complete genome

Table XIII: WNV Enzymatic Nucleic Acid and Target Sequence

Table XIII

GI B # H	23047 37019	23048 37020	23049 37021	23050 37022	23051 37023	23052 37024	23053 37025	23054 37026	23055 37027	23056 37028	23057 37029	23058 37030	23059 37031	23060 37032	23061 37033	23062 37034	23063 37035	23064 37036	23065 37037	23066 37038	23067 37039	23068 37040	23069 37041	23070 37042	23071 37043
Enzymatic Nucleic Acid RPI	CUGAUGAGGCCGuuaggccGAA Accugac B 23	ccguucc CUGAUGAggccguuaggccGAA Augaucu B	ccugauc CUGAUGAggccguuaggccGAA Agcugcc B	gcgcucu CUGAUGAggccguuaggccGAA Auucugg B	cuggaga CUGAUGAggccguuaggccGAA Augcgag B 23	CUGAUGAggccguuaggccGAA Iaacgcc B 23	uguauga CUGAUGAggccguuaggccGAA Igcgccg B	aagagaa CUGAUGAggccguuaggccGAA Igagagc B	ugauncc CUGAUGAggccgunaggccGAA Iccgcug B 23	Luggagc B	GGCTAGCTACAACGA gaaggcg B	guaugca GGCTAGCTACAACGA ugguguc B	GGCTAGCTACAACGA ugagccu B 23	gaaugga GGCTAGCAAGGA cugaagu B	GGCTAGCTACAACGA uagcaca B 23	gucunuc Ggaggaaacucc CVVCaaggacaucgucCGGG uccucuu B 23	GgaggaaacucC CUUCaaggacaucgucCGGG aagccuc B 23	ugcacuc GgaggaaacucC COOCaaggacaucgucCGGG ucuucuc B 23	aucaguc GgaggaaacucC CUUCaaggacaucgucCGGG agcagca B 23	geuenue Ggaggaaacued CUUCaaggacaucguedGGG uccuuuc B 23	uccuuca gccgaaaggCgagugaGGuCu ugcuucc B 23	gccgaaaggCgagugaGGuCu aguggug B 23	uccugua gccgaaaggCgagugaGGuCu acaucca B 23	cggcuag gccgaaaggGgagugaGGuCu ugguugu B 23	ucuucaa gccgaaaggCgagugaGGuCuugcuucu B
	ncnncca					aaccuga	stabl uguauga C	stabl aagagaa (	stabl ugauucc (	stabl uugagga (	gugugua	guangca (	cguanca	gaangga (	ucaggaa (		guccauc				amino uccuuca g	amino gguagcg g	amino uccugua g	amino cggcuag g	
Alias	WNV-698 Rz-7 Ome stabl	WNV-3021 Rz-7 Ome stabl	WNV-4082 Rz-7 Ome stabl	WNV-7400 Rz-7 Ome stabl	WNV-9915 Rz-7 Ome stabl	WNV-256 CHz-7 Ome stabl	WNV-1488 CHz-7 Ome sta	WNV-6802 CHz-7 Ome sta	WNV-7344 CHz-7 Ome sta	WNV-9733 CHz-7 Ome st	WNV-1491 Dz-7 stab3	WNV-1562 Dz-7 stab3	WNV-3089 Dz-7 stab3	WNV-5582 Dz-7 stab3	WNV-6823 Dz-7 stab3	WNV-415 Amb.Rz-7 stab3	WNV-2552 Amb.Rz-7 stab3	WNV-4097 Amb.Rz-7 stab3	WNV-4186 Amb.Rz-7 stab3	WNV-6577 Amb.Rz-7 stab3	Zin.Rz-7	Zin.Rz-7	WNV-4044 Zin.Rz-7 ami stab4	Zin.Rz-7	WNV-8962 Zin.Rz-7 amino stab4
Seg ID	15284	15285	15286	15287	15288	15289	15290	15291	15292	15293	15294	15295	15296	15297	15298	15299	15300	15301	15302	15303	15304	15305	15306	15307	15308
Substrate	GUCAGGU A UGGAAGA	AGAUCAU U GGAACGG	GCCAGCU U GAUCAGG	CCAGAAU U AGAGCGC	CUCGCAU A UCUCCAG	GECEUUC U UCAGEUU	CGGCGCC U UCAUACA	ecococc c nococon	CAGCGGC C GGAAUCA	GCUCCAC U UCCUCAA	GCCUUC A UACACAC	GACACCA A UGCAUAC	AGGCUCA A UGAUACG	ACTUCAG A UCCAUTIC	UGUGCUA A UUCCUGA	AAGAGGA G GAAAGAC	GAGGCUU G GAUGGAC	GAGAAGA G GAGUGCA	ивсивси в амсивми	GAAAGGA G GAAGAGC	GGAAGCA G UGAAGGA	CACCACU G CGCUACC	UGGAUGU G UACAGGA	ACAACCA G CUAGCCG	AGAAGCA G UUGAAGA
ες (Δ)	869	3021	4082	7400	9915	256	1488	6802	7344	9733	1491	1562	3089	5582	6823	415	2552	4097	4186	6577	2680	3432	4044	6864	8962

Table XIII

Input Sequence = AF196835. Cut Site = UH/.

Arm Length = 8. Core Sequence = CUGAUGAG GCCGUUAGGC CGAA
AF196835 West Nile virus strain NY99-flamingo382-99,
complete genome
lower case = 2'.O-methyl
UPPER CASE = RIBO
BOLD = 2'-amino
B = inverted deoxy abasic
ITALIC = 2'-deoxy

Table XIV: In vitro cleavage data

Table XIV

			Seq ID	%		Seq ID
RPI#	Site/Motif	Enzymatic Nucleic Acid Sequence	Š.	cleaved	Substrate	z
23047	WNV-698 Rz-7 Ome stab1	ucuucca CUGAUGAqqccquuaqqccGAA Accugac B	37019	89.68	GICAGGII A HOGAAGA B	37056
	WNV-3021 Rz-7		37020			27057
23048	Ome stab1	ccguucc CUGAUGAggccguuaggccGAA Augaucu B		93.10	AGAUCAU U GGAACGG B	2
	WNV-4082 Rz-7		37021			37058
23043	Ome stabl	ccugauc CUGAUGAggccguuaggccGAA Agcugcc B		89.54	GGCAGCU U GAUCAGG B	
23050	WNV-7400 Rz-7 Ome stabl	gcgcncu CUGAUGAqqccquuaqqccGAA Auucuqa B	37022	94.82	a Jedebag II IIaabagg	37059
	WNV-9915 Rz-7		37023			37060
23051	Ome stab1	cuggaga CUGAUGAggccgunaggccGAA Augcgag B		90.92	CUCGCAU A UCUCCAG B	2
1	WNV-256 CHz-7		37024			37061
23052	Ome stab1	aaccuga CUGAUGAggccguuaggccGAA Iaacgcc B		90.06	GGCGUUC U UCAGGUU B	
	WNV-1488 CHz-7		37025			37062
23053	Ome stab1	uguauga CUGAUGAggccguuaggccGAA Igcgccg B		76.12	CGGCGCC U UCAUACA B	!
_	WNV-6802 CHz-7		37026			37063
23054	Ome stab1	aagagaa CUGAUGAggccguuaggccGAA Igagagc B		88.59	GCUCUCC C UUCUCUU B	
	WNV-7344 CHz-7		37027			37064
23055	Ome stabl	uganucc CUGAUGAggccgunaggccGAA Iccgcug B		91.26	CAGCGGC C GGAAUCA B	
	WNV-9733 CHz-7		37028			37065
23056	Ome stab1	uugagga CUGAUGAggccguuaggccGAA Iuggagc B		78.91	GCUCCAC U UCCUCAA B	-
	WNV-1491 Dz-7		37029			37066
23057	stab3	gugugua GGCTAGCTACAACGA gaaggcg B		72.13	CGCCUUC A UACACAC B	
	WNV-1562 Dz-7		37030			37067
23058	stab3	guaugca GGCTAGTACAACGA ugguguc B		86.07	GACACCA A UGCAUAC B	
22000	WNV-3089 Dz-7		37031			37068
23033	Brabs	cguauca GGCIAGCIACGA ugagccu B		87.00	AGGCUCA A UGAUACG B	
23060	WNV-5582 Dz-7 6tab3	gaauqqa GGCTAGCTACAACGA cugaagu B	37032	39,77	מ הוחומה הו המהוחות	37069
	WNV-6823 Dz-7		22022			
23061	stab3	ucaggaa GGCTAGCTACAACGA uaqcaca B	550/5	89.13	uguecus a michiga a	37070
	WNV-415 Amb.Rz-	gucuuuc Ggaggaaacucc CUUCaaggacaucgucCGGG	37034			37071
23062	7 stab3	uccucan B		24.90	AAGAGGA G GAAAGAC B	) ;
	WNV-2552	guccauc Ggaggaaacucc CUICaaggacaucgucCGGG	37035			37072
23063	Amb.Rz-7 stab3	aagccuc B		53.89	GAGGCUU G GAUGGAC B	

Table XIV

Γ		T.		1.		Τ.	_		Τ.	_	-	T.		_	Τ.	_	_	٦	_	
27072	: :	12075		27076	0/0/0		3/0/6			37077			8/.0/.5		100	8/0/5			37080	
	GAGAAGA G GAGIIGCA B		מ זומטווטמט ט ווטטווטטוו	מברכים השרתפעים	H JURDARD B RESPARS	a commo o morario		ם מטטעעטון ט עטטעעטט	a coordina a constant		a coamboo o regional	מיניים המיניים		ם אסטאטאוו ט ווטוועטטוו	d decade o operace b		מ מטטטיונט ט מטטממטי	ארשאררא פ בחשפרנפ ם		e apaapini p appaapa
	11.57		49.54		27.23			5.20			85.97			80.75			26.02			4.93
37036		37037		37038		27020	6000		37040	2		27041	15010		37042			2,020	3/043	
ugcacuc Gaaggaaacucc CUUCaaggacaucgucCGGG	ucuucuc B	aucaguc GgaggaaacucC CUUCaaqqacaucqucCGGG	agcagca B	geneuuc Ggaggaaacuce coocaagacaucquecegg	uccuuuc B			uccuuca gccgaaaggCgagugaGGuCu uqcuucc B			gguagcg gccgaaaggCgaquqaGGuCu aquqqua B			uccugna gccgaaaqqCqaquqaGGuCu acaucca B			cggcuag accaaaaqqCqaquqaGGuCu noqiiiqii B			ucuucaa gccgaaaggCgaqugaGGuCu uqcuucu B
WNV-4097	Amb.Rz-7 stab3	WNV-4186	Amb.Rz-7 stab3	WNV-6577	Amb.Rz-7 stab3	WNV-2680	Zin.Rz-7 amino	stab4	WNV-3432	Zin.Rz-7 amino	stab4	WNV-4044	Zin.Rz-7 amino	stab4	WNV-6864	Zin.Rz-7 amino	stab4	WNV-8962	Zin.Rz-7 amino	stab4
	23064		23065		23066			23067			23068			23069			23070			23071

UPPER CASE = RIBO
Lower case = 2'-O-methyl
Bold = 2'-deoxy-2'-amino
ITALIC = 2'-deoxy
B = inverted deoxyabasic
I = Inosine

## **CLAIMS**

 A nucleic acid molecule that modulates replication of West Nile Virus (WNV).

- 5 2. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is selected from the group consisting of enzymatic nucleic acid, antisense nucleic acid, 2',5'-A nucleic acid, triplex forming nucleic acid, and decoy nucleic acid molecules.
- The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is effective to treat a condition related to WNV infection, wherein said condition is selected from the group consisting of pancreatitis, encephalitis, myocarditis, meningitis, neurologic infection, hepatitis, liver failure, hepatocellular carcinoma, and cirrhosis.
- 4. The nucleic acid molecule of claim 3, wherein said nucleic acid molecule is used in conjunction with one or more other therapies for the treatment of said condition.
  - 5. The nucleic acid molecule of claim 4, wherein said other therapyis selected from the group consisting of antivirals and interferons.
- 6. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule is chemically synthesized.
  - 7. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification.
  - 8. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one nucleic acid base modification.
- 25 9. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises at least one phosphate backbone modification.
  - 10. The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises at least one 2'-sugar modification and at least one phosphate backbone modification.

11. The nucleic acid molecule of claim 1, wherein said nucleic acid comprises a cap structure, wherein the cap structure is at the 5'-end or 3'-end, or both the 5'-end and the 3'-end.

- The nucleic acid molecule of claim 1, wherein said nucleic acid molecule comprises between 12 and 100 bases complementary to a RNA molecule of WNV.
  - 13. The nucleic acid of any of claim 1, wherein said nucleic acid molecule comprises between 14 and 24 bases complementary to a RNA molecule of WNV.
- 10 14. A method of down regulating the replication of WNV in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said down regulation of WNV replication.
- A method of down regulating the replication of WNV in a mammal comprising the step of administering the nucleic acid molecule of claim 1 to the mammal, under conditions suitable for said down regulation of WNV replication.
  - 16. A method of reducing WNV activity in a cell, comprising the step of contacting said cell with the nucleic acid molecule of claim 1, under conditions suitable for said reduction of WNV activity.
- A method of treating a patient having a condition associated with the level of WNV comprising the step of contacting cells of said patient with the nucleic acid molecule of claim 1, under conditions suitable for said treatment.
  - 18. The method of claim 15 further comprising the use of one or more other therapies under conditions suitable for said treatment.
- 25 19. The method of claim 18, wherein said other therapy is selected from the group consisting of antivirals and interferon.
  - 20. The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves RNA derived from WNV.
- The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves plus strand RNA derived from WNV.

22. The nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule cleaves minus strand RNA derived from WNV.

23. The enzymatic nucleic acid of claim 2 having at least one binding arm wherein the binding arm of said enzymatic nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308

5

- 24. The enzymatic nucleic acid molecule of claim 2, wherein said enzymatic nucleic acid molecule comprises any of the sequences of SEQ ID NOs 15,309-37,043.
- The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule inhibits the activity of RNA derived from WNV.
  - 26. The antisense nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of plus strand RNA derived from WNV.
- 15 27. The nucleic acid molecule of claim 25, wherein said antisense nucleic acid molecule inhibits the activity of minus strand RNA derived from WNV.
  - 28. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a sequence complementary to any of the sequences of SEQ ID NOs 1-15,308.
- 20 29. An enzymatic nucleic acid molecule that cleaves RNA derived from the WNV.
  - 30. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is selected from the group consisting of Hammerhead, Inozyme, G-cleaver, DNAzyme, Amberzyme and Zinzyme.
- 25 31. The enzymatic nucleic acid molecule of claim 2 or claim 29, wherein said enzymatic nucleic acid molecule is in a hairpin, hepatitis Delta virus, group I intron, VS nucleic acid, or RNAse P nucleic acid motif.
- 32. The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead motif comprises a sequence complementary to any of the substrate sequences in Tables III and VIII.

33. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme motif comprises a sequence complementary to any of the substrate sequences in Tables IV and IX.

- The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme
   comprises a sequence complementary to any of the substrate sequences in Tables VI and XI.
  - 35. The enzymatic nucleic acid molecule of claim 30, wherein said Zinzyme comprises a sequence complementary to any of the substrate sequences in Tables V and X.
- 10 36. The enzymatic nucleic acid molecule of claim 30, wherein said Amberzyme comprises sequences complementary to any substrate sequences in Tables VII and XII.
- The enzymatic nucleic acid molecule of claim 30, wherein said Hammerhead comprises at least five ribose residues, at least ten 2'-O-methyl modifications,
   and a 3'- end modification.
  - 38. The enzymatic nucleic acid molecule of claim 37, wherein said Hammerhead further comprises phosphorothioate linkages on at least three of the 5' terminal nucleotides.
- 39. The enzymatic nucleic acid molecule of claim 37, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
  - 40. The enzymatic nucleic acid molecule of claim 30, wherein said Inozyme comprises at least five ribose residues, at least ten 2'-O-methyl modifications, and a 3'- end modification.
- The nucleic acid molecule of claim 40, wherein said Inozyme further comprises phosphorothicate linkages on at least three of the 5' terminal nucleotides.
  - 42. The nucleic acid molecule of claim 40, wherein said a 3'- end modification is 3'-3' inverted abasic moiety.
- The enzymatic nucleic acid molecule of claim 30, wherein said DNAzyme comprises at least ten 2'-O-methyl modifications.

44. The enzymatic nucleic acid molecule of claim 43, wherein said DNAzyme further comprises phosphorothicate linkages on at least one of the 5' terminal nucleotides.

- 45. The enzymatic nucleic acid molecule of claim 44, wherein said DNAzyme further comprises a 3'-end modification.
  - 46. The enzymatic nucleic acid molecule of claim 45, wherein said 3'- end modification is a 3'-3' inverted abasic moiety.
  - 47. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises at least ten 2'-O-methyl modifications.
- 10 48. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a region that is an RNAse H activating region.
  - 49. The nucleic acid molecule of claim 48, wherein said RNAse H activating region comprises a region having at least five deoxyribonucleotides.
- 15 50. The nucleic acid molecule of claim 49, wherein said RNAse H activating region further comprises one or more phosphate backbone modification.
  - 51. The nucleic acid molecule of claim 50, wherein said phosphate backbone modification is a phosphorothioate or phosphorodithioate modification.
- 52. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises an RNAse H activating region and a non-RNAse H activating region.
  - 53. The antisense nucleic acid molecule of claim 2, wherein said antisense nucleic acid molecule comprises a 5'-end modification, a 3'-end modification or both a 5'-end and a 3'-end modification.
- The antisense nucleic acid molecule of claim 53, wherein said 3'- end modification is selected from the group consisting of 3'-3' inverted abasic moiety, 3'-3' inverted nucleotide moiety, and phosphate backbone modification.
- 55. The antisense nucleic acid molecule of claim 53, wherein said 5'-end modification is selected from the group consisting of 5',5'-inverted abasic

- moiety, 5'-5' inverted nucleotide moiety, and phosphate backbone modification.
- 56. A method of cleaving WNV RNA comprising contacting the enzymatic nucleic acid molecule of claim 2 or claim 29 with said RNA under conditions suitable for the cleavage of said RNA.
  - 57. The method of claim 56, wherein said cleavage is carried out in the presence of a divalent cation.
  - 58. The method of claim 57, wherein said divalent cation is Mg<sup>2+</sup>.

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- 59. An expression vector comprising nucleic acid sequence encoding at least one nucleic acid molecule of claim 1, in a manner that allows expression of that nucleic acid molecule.
  - 60. The expression vector of claim 59, wherein said nucleic acid molecule is an enzymatic nucleic acid molecule.
- The expression vector of claim 59, wherein said expression vector further comprises a sequence for an antisense nucleic acid molecule complementary to the RNA of WNV genome.
  - 62. The expression vector of claim 59, wherein said expression vector comprises sequence encoding at least two said nucleic acid molecules that can be same or different.
- 20 63. The expression vector of claim 62, wherein one said nucleic acid molecule comprises sequence encoding at least one antisense nucleic acid molecule complementary to RNA derived from the WNV.
- 64. The expression vector of claim 62, wherein one said nucleic acid molecule comprises at least one sequence encoding an enzymatic nucleic acid molecule complementary to RNA derived from the WNV.
  - 65. A pharmaceutical composition comprising the nucleic acid molecule of claim 1 in a pharmaceutically acceptable carrier.
  - 66. A kit for the treatment of patients infected with WNV comprising the nucleic acid molecule of claim 1.

67. A kit for detecting WNV in a system comprising the nucleic acid molecule of claim 1.

- 68. A method of administering to a cell the nucleic acid molecule of claim 1 comprising contacting said cell with the nucleic acid molecule under conditions suitable for said administration.
- 69. The method of claim 68, wherein said cell is a mammalian cell.
- 70. The method of claim 69, wherein said cell is a human cell.

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- 71. The method of claim 68, wherein said administration is in the presence of a delivery reagent.
- 10 72. The method of claim 71, wherein said delivery reagent is a lipid.
  - 73. The method of claim 72, wherein said lipid is a cationic lipid.
  - 74. The method of claim 72, wherein said lipid is a phospholipid.
  - 75. The method of claim 71, wherein said delivery reagent is a liposome.

Figure 1: Examples of Nuclease Stable Ribozyme Motifs

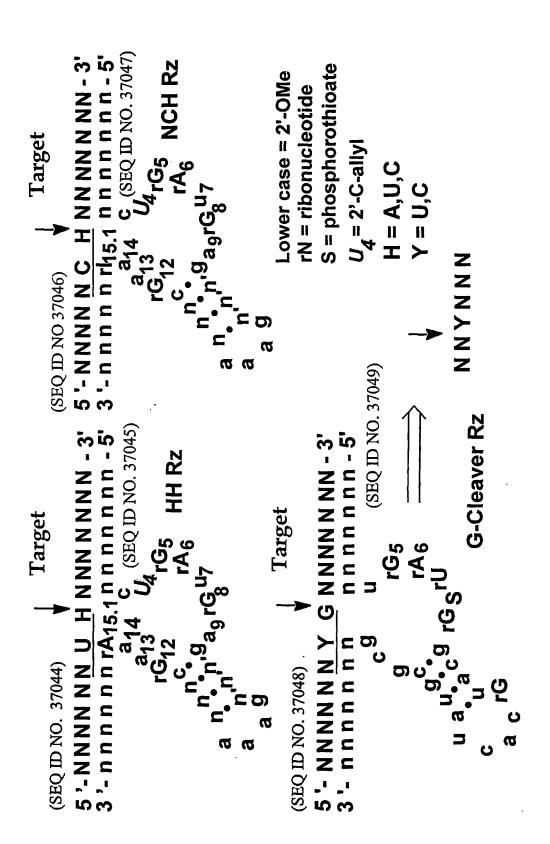


Figure 2: 2'-0-Me substituted Amberzyme Enzymatic Nucleic Acid Motif

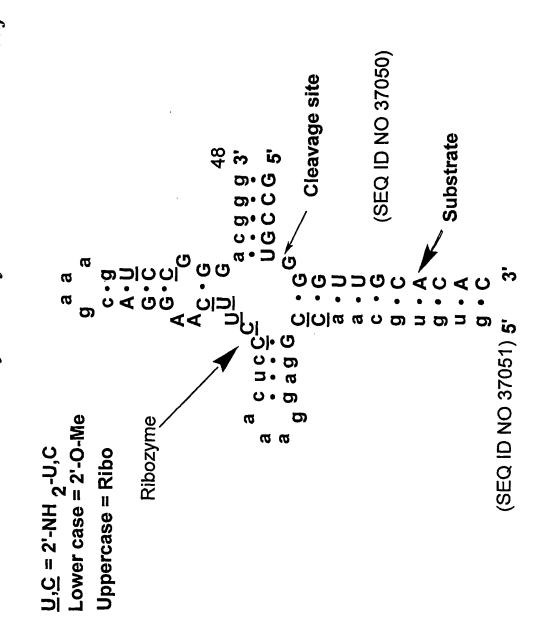
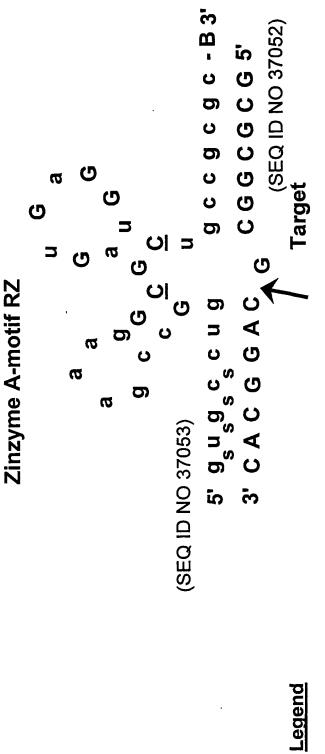


Figure 3: Stabilized Zinzyme Ribozyme Motif



Uppercase indicates natural ribo residues

C indicates 2'- d-NH<sub>2</sub>-C

Lowercase: 2'-0-Me

Subscript s indicates phosphothioate linkage

B: 3'- 3' abasic moiety

